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# UNIVERSITY OF REDLANDS

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**University  
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ADMINISTRATION BUILDING



# University of Redlands

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The Second  
Annual Announcement



Redlands, California  
1910-1911







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1709/10-1912/13

UNIVERSITY OF REDLANDS

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## Calendar

1910

- September 21st, Wednesday—Examinations for admission.  
September 22nd, Thursday—First Semester begins at 9:00 a. m.  
November 24th-25th, Thursday and Friday—Thanksgiving Recess.  
December 16th, Friday—Christmas Vacation begins 4:30 p. m.

1911

- January 3rd, Tuesday—Christmas Vacation ends at 8:00 a. m.  
January 26th, Thursday—Day of Prayer for Colleges.  
February 2nd-3rd, Thursday and Friday—Mid-Year Examinations.  
February 6th, Monday—Second Semester begins at 8:00 a. m.  
February 22nd, Wednesday—Washington's Birthday.  
March 24th, Friday—Spring Vacation begins at 4:30 p. m.  
April 3rd, Monday—Spring Vacation ends at 8:00 a. m.  
June 9th-13th, Friday-Tuesday—Final Examinations.  
June 11, Sunday—Baccalaureate Sermon.  
Vesper Service.  
June 13th, Tuesday—Concert by School of Music.  
June 14th, Wednesday—Class Day.  
Commencement Preparatory Dept.  
Athletic Events.  
President's Reception.  
June 15th, Thursday—Commencement.  
Alumni Reunion and Banquet.

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## Board of Trustees

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### MEMBERS OF THE BOARD

Term expiring January, 1911:

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Isaac Ford  
Arthur Gregory  
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S. A. Garretson  
G. F. Holt  
Mattison B. Jones  
J. H. Merriam  
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Term expiring January, 1913:

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# UNIVERSITY OF REDLANDS

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## OFFICERS OF THE BOARD

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University of Redlands.

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J. W. Curtis  
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## Faculty

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JASPER NEWTON FIELD, D. D., President  
*Professor of Moral Philosophy*

GEORGE L. MELTON, Ph. D., Dean  
*Professor of History and Political Science*

EDWIN S. DU PONCET, Ph. D.  
*Professor of Modern Languages*

A. HARVEY COLLINS, A. B., Registrar  
*Associate Professor of History*

VICTOR L. DUKE, A. M., Treasurer  
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JAMES W. KYLE, A. M.  
*Professor of Ancient Languages*

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*Professor of Chemistry and Physics*

GEORGE D. KNIGHTS, A. M., D. D.  
*Professor of English Literature*



# UNIVERSITY OF REDLANDS

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GEORGE ROBERTSON, A. B.  
*Instructor in Geology and Botany*

ROBERT L. GLOVER  
*Director of Athletics*

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## SPECIAL INSTRUCTORS IN THE ACADEMY

RALPH R. RICE  
*Assistant in Modern Languages*

NELLIE WILLIS  
*Assistant in Latin and English*



REDLANDS, FROM CANYON CREST PARK





## The University of Redlands

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### HISTORICAL

On the seventh day of December, 1906, the Baptists of Southern California, in Convention assembled in Berean Hall, Los Angeles, resolved to found and foster a high-grade, first-class Christian college. A committee of twenty-one representative men was appointed with power to act. To the satisfaction of the whole denomination the citizens of Redlands made an offer of \$100,000 and forty acres of land for the location of the school in their city, on condition that the Baptists of Southern California raise at least \$200,000 additional. The proposition was accepted and plans were immediately made for the State canvass. Under the leadership of Doctor Jasper Newton Field, then pastor of the First Baptist Church of Redlands, the canvass was begun on September 1st, 1907. At the convention held in Los Angeles in January, 1909, the assured success of the movement was announced and it was resolved that the canvass be continued until an additional \$200,000 was raised, giving the institution a total asset of \$500,000. The convention enthusiastically and unanimously instructed the Board of Trustees at its first meeting following the convention to elect Doctor Field as President of the institution. Following out these instructions the Trustees on January 20th formally elected Doctor Field to this position. Shortly thereafter an additional tract of fourteen acres of land was purchased, the first buildings were



# UNIVERSITY OF REDLANDS

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begun, and the work of actualizing the institution commenced. On September 29th, 1909, less than three years from the time of the inception of the movement, the institution threw open its doors to the public.

The University of Redlands was incorporated under that title in 1907. The movement was so full of promise for the future that the Trustees dared to call the institution a university, with the determination to make it such in the fullest sense of the word.

## WHAT IS THE BEST EDUCATION?

Plato once exclaimed, "There is nothing more divine than education." That the great secret of the improvement of human nature lies concealed in education has been the conviction of almost all philosophers. It is vain to hope for better times unless man himself may be better. "Progress man's distinctive mark alone. Not God's, and not the beast's. He is; they are. Man partly is and wholly hopes to be." Frederick the Great once said, "He who considers mankind good does not understand the human race; for man left to himself is brutal. Only education is able to ennoble him." Kant is even more enthusiastic as he considers the possibilities of education. "Man can only become human through education. He is nothing except what education makes him."

But education is a word of many meanings. It may mean to one accumulated information; to another skill acquired for material getting; while to still others it may connote a polishing for social shining.

There is, however, a much larger and truer conception of

education. The best educational theory and the one most commended today is fairly well summarized in the following statement: "The ethical culture of the will must be regarded as the highest purpose of education." A pedagogical leader has recently defined culture as "ability acquired to do the right thing instead of the pleasant thing."

The ethical culture of the will, however, demands that there shall be a proper ethical foundation. This is to be found in religion alone. In Washington's final word to his countrymen, he intimates that morality and religion are indispensable to political prosperity, and adds, "Let us with caution indulge the supposition that morality can be maintained without religion."

It seems reasonable to conclude that the best education is to be secured where there is a true religious atmosphere. This condition can be secured only through the personalities of those to whom the task of teaching is entrusted. Such noble ends demand also that the academic work shall be of the most strenuous sort, for lax effort means lank characters. It means also that the educator must have steadily in mind as the outcome of his effort "a personality in keeping with ideal human personality."

This kind of education, we are assured, can best be secured in a Christian institution.

Rather recently Mr. Guy Morrison Walker made a somewhat extensive investigation of the education of many notably successful men. This is his conclusion: "It is apparent, first, that the largest number of successful men come from the small colleges; second, that the percentage of success is very much higher among the students of the small colleges than it is among those of the large universities, the percentage being frequently



# UNIVERSITY OF REDLANDS

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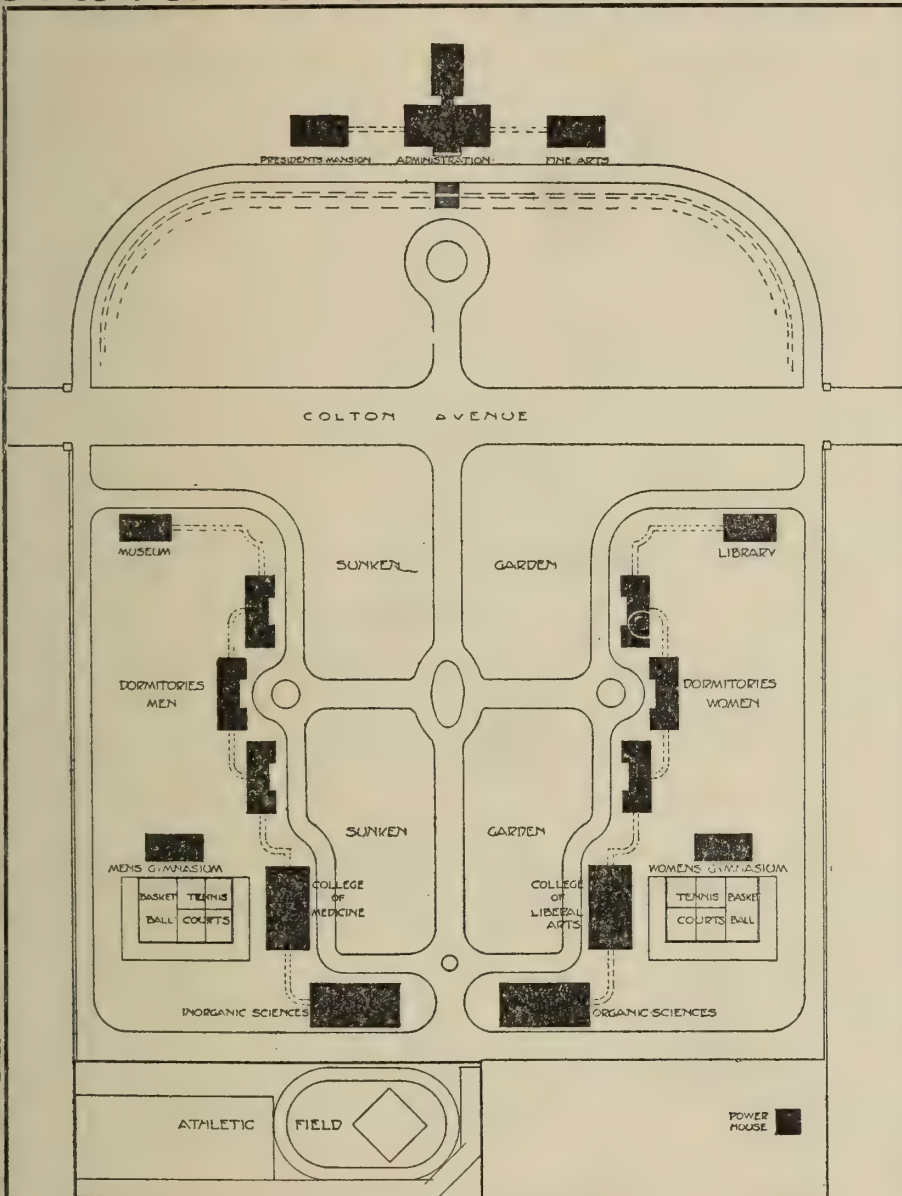
more than twice as great as that in the large schools; and third, that the pre-eminent place, both in the total number of successful men and in the percentage of success, goes to the small church college." This very significantly points not only to the small college but to the Christian college.

## THE FIRST YEAR'S WORK.

The first year's work of the University of Redlands will soon be completed. It has been delightful to witness the harmony, goodwill and enthusiasm which has dominated both the Faculty and the studentbody. It was a matter of profound concern with some of us that we might be divinely guided in the selection of the men who were to constitute the teaching force during the first year of our history, and to feel now that we were thus led in this vitally important matter is a source of great satisfaction. The professors are not only well equipped intellectually, but are men of strong personalities and of positive Christian character. They have made a most excellent impression upon the students and upon the community, and all feel that a most excellent beginning has been made.

## LOCATION

Redlands, the home of the University, is a beautiful city of over 12,000 inhabitants, situated sixty-six miles east of Los Angeles, in the heart of the best orange-growing district in the world, and close to the eternal mountains, whose massive strength gives courage, whose grandeur gives inspiration, whose repose gives rest. The city is located at an altitude of about 1400 feet,



PLAN OF THE CAMPUS  
UNIVERSITY OF REDLANDS

SCALE 1/4" = 100 FEET

NORMAN F. MARSH ARCHITECT  
SUITE 206 BROADWAY CENTRAL BLDG  
LOS ANGELES CAL.



# UNIVERSITY OF REDLANDS

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which gives it as nearly an ideal climate as it is possible to find, sometimes touching the frost point in winter, warm in summer; but, even in the warmest summer months, always having cool and restful nights.

Flowers blossom all the year round and the finest fruits are always in season. The class of people who have made Redlands what it is, coming from all parts of the country, is thoroughly cosmopolitan and is closely in touch with the latest thought and endeavor of the world. Redlands is a church-going city, and with this sentiment thus dominant there is no saloon within her borders. In short, Redlands is a city of high moral tone and culture, justly deserving the name that has been given to it, "The Athens of Southern California." Ten trains a day connect Redlands with Los Angeles and other near-by towns, the trip to Los Angeles taking about two and one-half hours, through the orange groves and vineyards of the garden spot of the United States. Redlands can be reached directly via either the Southern Pacific or the Santa Fe railroads. It is also reached by the Salt Lake Route through San Bernardino and interurban to Redlands.

For those who contemplate residing in Redlands during the college training of sons or daughters, it need only be said that rents are moderate and the expenses of living are comparatively reasonable.

## CAMPUS

In a beautiful valley under the shadow of the "Everlasting Hills," the campus of the University of Redlands surely has an inspiring setting. Its fifty-four acres, under the skill of a land-

# UNIVERSITY OF REDLANDS

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scape architect, aided by a beneficent climate, will in a short period become a spot of rare beauty. With stately architecture to grace its green sward, winding drives, sunken gardens, glowing flowers, and wrapt in the indefinable atmosphere which adds so much romance and charm to our Western land, the place itself will surely inspire with the highest ideals the sons and daughters who will throng the "Classic Halls."

## THE BUILDINGS.

### ADMINISTRATION

The main structure of the whole University scheme, the Administration Building, was completed during the past year. It is massive and monumental in character, a pure example of classic architecture, of the Ionic order. The exterior is faced with gray granite and with its massive columns and red tile roof harmonizes admirably with its majestic setting of mountain and valley.

While designed primarily as an administration building (containing the President's suite and offices of the Dean, Registrar and Treasurer), it is at present accommodating the recitation and laboratory work, embracing some sixteen recitation rooms, chemical and physical laboratories, lecture rooms, society halls, locker rooms, etc. The entire equipment is of the highest order, especial attention being paid to the ventilation and sanitary requirements.

### BEKINS HALL

Bekins Hall, the gift of Mr. and Mrs. Martin Bekins of Los Angeles, will be ready for students at the opening of the Fall Semester. The building will be Classic in architecture and



# UNIVERSITY OF REDLANDS

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fireproof in construction. It will contain rooms for the accommodation of fifty young women, with rooms, parlors, dining hall and laundry, and ample verandas and a roof garden to foster outdoor life. It is so arranged that it will be a nucleus for a social center and all that pertains to comfort, sanitation and convenience will be incorporated in the structure.

## LITTLE BROWN DORMITORY

This building, occupied during the past year by the young women, will hereafter be dedicated to the young men. It is a homelike structure and will accommodate sixteen students.

## PRESIDENT'S HOME

It is the purpose during the coming year to erect on "Inspiration Hill" a home for the President, around which the University life will center and lend atmosphere and dignity to the whole University scheme.

## FINE ARTS BUILDING

The Baptists and their friends in Arizona have set about the task of raising \$30,000 for the erection of the Fine Arts Building, to house the Departments of Music and Fine Arts, and also the assembly hall for chapel meetings. This building will conform in style and dignity with the whole scheme and with the President's home will complete a fine group on "Inspiration Hill."

## STUDENT ORGANIZATIONS

There are several organizations among the students.

The most general is called the Associated Student Body. It deals with matters that are of general interest to all students.

# UNIVERSITY OF REDLANDS

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There is also an athletic association which has for its aim the furthering of all athletic interests.

There are two literary societies—one for young women and one for young men. Each has a hall in the Administration Building. The object of these organizations is to secure skill in debate and increase in literary attainments.

## PHYSICAL EDUCATION

Recognizing the value of physical culture and general athletic work a suitably equipped gymnasium and athletic field will be in readiness for use at the opening of the Fall Semester.

The gymnasium will be furnished with modern apparatus of the newest and most approved designs. It will be open to both men and women, who will have separate lockers and baths and will use the building at different periods of the day.

The course will consist of calisthenics, light gymnastics, Swedish and German gymnastics, gymnastic games, heavy gymnastics, athletic games and track and field athletics.

In the calisthenics special attention will be paid to simple rhythmic movements for the cultivation of grace in form and bearing, executed for the most part without apparatus to a musical accompaniment.

Exercises executed with light portable pieces of apparatus such as wands, dumbbells and Indian clubs will give opportunity for suitable work in light gymnastics. Such forms of exercise, together with gymnastic games, such as basket ball, hand ball, volley ball and center ball, will give opportunity for all those who are not fitted for the more violent work.



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Heavy gymnastics are especially valuable in the cultivation of physical courage, self-possession, quick sense of perception, and a rapid and responsive exercise of judgment. Many of the exercises, somewhat modified, may be practiced by the women. The more usual forms will be employed, such as vaulting horse, vaulting buck, high parallels, horizontal bar, long horse, parallel bars, vaulting bar, flying rings, tumbling and mat exercises.

Teams will be organized for work in foot ball, base ball, tennis and Pentathalon contests. Games will be secured with other teams for these as well as for track and field events.



BEKINS HALL





General Information

ENTRANCE REQUIREMENTS

Every student, unless he bring a certificate of proficiency from an accredited school, shall, before entering any class in the collegiate department, be examined upon the following subjects required for entrance:

FIXED ENTRANCE REQUIREMENTS

LEADING TO A. B. COURSE

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics or Chemistry.....	1	unit
Latin .....	4	units
Greek .....	2	units
Elective .....	2½	units
<hr/>		
Total.....	15	units

LEADING TO PH. B. COURSE

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics or Chemistry.....	1	unit
Foreign Languages .....	4	units
Elective .....	4½	units
<hr/>		
Total.....	15	units



# UNIVERSITY OF REDLANDS

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## LEADING TO B. S. COURSE

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics .....	1	unit
Chemistry .....	1	unit
Foreign Languages .....	4	units
Other Sciences .....	1	unit
Elective .....	2½	units
<hr/>		
Total.....	15	units

In the list of subjects enumerated above the term unit is employed to signify the amount of preparatory work done in a given subject during a school year, the class meeting at least four hours of sixty minutes each per week.

The following explanation of preparatory courses will serve to indicate the character of work demanded for entrance credit:

### ENGLISH

It is expected that every student will have a knowledge of English grammar and the elements of rhetoric and be able to write correct English.

The following books are to be carefully studied for 1910:

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*, or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

# UNIVERSITY OF REDLANDS

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Selections from the following groups are to be read with care:

Group I (two to be selected). Shakespeare's *As You Like It*, *Henry V*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*.

Group II (one to be selected). Bacon's *Essays*; Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers in the Spectator*; Franklin's *Autobiography*.

Group III (one to be selected). Chaucer's *Prologue*; Spenser's *Faerie Queene* (selections); Pope's *Rape of the Lock*; Goldsmith's *Deserted Village*; Palgrave's *Golden Treasury* (First Series), Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.

Group IV (two to be selected). Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; Scott's *Quentin Durward*; Hawthorne's *House of Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dickens' *Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

Group V (two to be selected). Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc* and *The English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

Group VI (two to be selected). Coleridge's *Ancient Mariner*; Scott's *Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Palgrave's



# UNIVERSITY OF REDLANDS

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Golden Treasury (First Series), Book IV, with especial attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's Courtship of Miles Standish; Tennyson's Gareth and Lynette, Lancelot and Elaine, and the Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Herve Riel, Pheidippides.

## MATHEMATICS

In Elementary Algebra an equivalent of four recitations of sixty minutes each, throughout one school year is necessary for entrance to the Preparatory Department of the University.

In addition to the presupposed Elementary Algebra, Mathematics A, B, C and E are required for entrance to the Freshman Class. Mathematics D and F, although elective, are highly recommended to those students who contemplate continuing their scholastic training. In these courses special effort will be made to prepare the student to carry, in a manner very satisfactory to himself, the work of the Freshman and higher years. Special emphasis will be laid upon the correlation of Algebra and Geometry. Algebraic problems with a geometrical application will be solved and geometrical theorems will be demonstrated by the use of Algebraic principles.

# UNIVERSITY OF REDLANDS

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Students coming from other secondary schools, and having an equivalent of two and one-half units of Mathematics to present for entrance will be entered as Freshmen, unconditioned in Mathematics.

## AMERICAN HISTORY AND CIVIL GOVERNMENT

A knowledge of the leading facts in American history and a practical familiarity with the main topics in the constitutional and political organization. Channing's Student History of the United States; McLaughlin's History of the American Nation; Hart's Essentials in American History, or equivalent. For civil government, Ashley's American Government, or equivalent.

One unit.

## ELEMENTARY LATIN

Represents the work done during the first two years at the rate of four full hour periods per week. Candidates should have accurate pronunciation, a working knowledge of the simpler forms of syntax and be able to translate easy prose at sight. Presupposes work equal to the first four books of Caesar.

Two units.

## ADVANCED LATIN—CICERO

Weekly exercises in recomposition of the text. Daily practice in reading to secure fluency and expression. Special studies on the life and times of Cicero.

One unit.

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## ADVANCED LATIN—VERGIL

Exercises in the metrical reading of the text, systematic study of Vergil's spirit, style and grammatical idioms.

One unit.

## ELEMENTARY GREEK

Drill in pronunciation, inflections, syntax and composition, with elementary book. Reading in *Anabasis* of Xenophon.

One unit.

## XENOPHON—ANABASIS, BOOKS I-IV

Translation and constant reading of the Greek. Review of forms and syntax. Recomposition of text. Sight reading in Greek New Testament.

One unit.

For the years 1910-1912 the courses in Elementary Greek and Xenophon's *Anabasis*, if taken in this institution, will receive college credit as electives, at the rate of three hours per semester.

## ELEMENTARY FRENCH

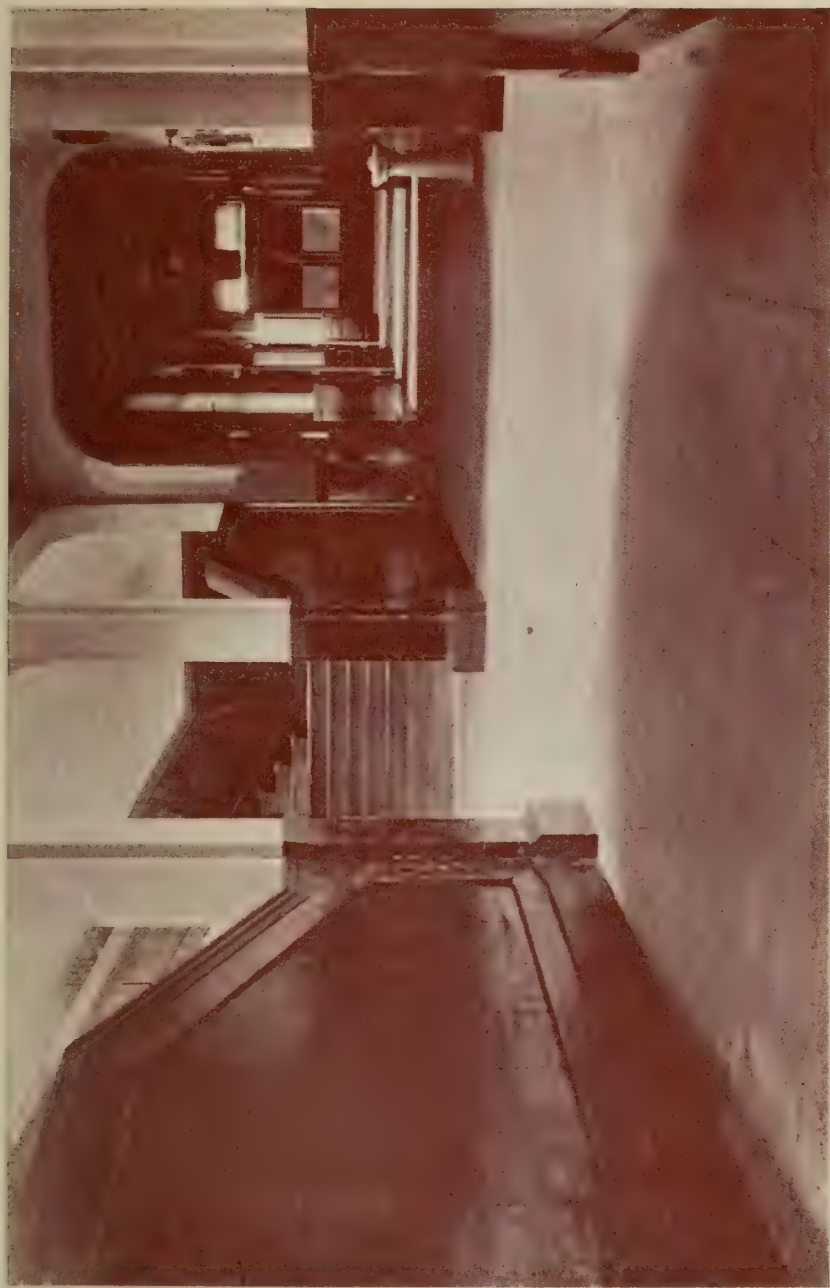
Special attention to reading and pronunciation. Fraser and Squair's French Grammar and such readings as *Le Voyage de M. Perrichon*, *La Mare au Diable*, *La Mere Michel et Son Chat*.

One unit.

## INTERMEDIATE FRENCH

Rapid review of grammar. More attention is paid to the ability to speak with correct accent. Rapid reading of





MAIN CORRIDOR, ADMINISTRATION BUILDING

# UNIVERSITY OF REDLANDS

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plays and short stories of such writers as Hugo and Dumas.  
One unit.

## ELEMENTARY GERMAN

Grammar and composition, reading of easy texts; Joyners-Meissners German Grammar with Altes and Neues, Der Process, Nein.  
One unit.

## INTERMEDIATE GERMAN

Composition and conversation. Reading of Schiller, Lessing and Goethe.  
One unit.

## ELEMENTARY CHEMISTRY

A beginning course in Chemistry, mainly descriptive in character, which, while given as a foundation for higher courses in the department, is complete in itself. The laboratory notebook is required for credit.  
One unit.

## ELEMENTARY PHYSICS

Recitation and laboratory course which is a prerequisite for the subsequent courses in Physics. The laboratory notebook is required for credit.  
One unit.

Credit without examinations for work done in other institutions will be granted only upon receipt of a satisfactory certificate mailed to the Registrar of the University by the proper official of the institution in which the work was done.

Advanced standing in the college will not be granted for

# UNIVERSITY OF REDLANDS

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work done in high schools and academies, except on special examination by the professor of the department in which the work is offered.

A student from another institution of equal scholastic rank may be admitted to advanced standing in the University upon presentation to the committee having charge of credits satisfactory evidence of having completed the work claimed, together with a certificate of honorable dismissal.

Students failing to satisfy any of the above requirements for admission may be received as "conditioned," but such conditions must be removed before said students are admitted to the Junior Class.

Upon the designated registration days for each semester each student shall obtain from the Registrar a registration card upon which the student, after conferring with the Registrar, shall indicate the courses selected together with the regular and special fees connected therewith. Such registration shall not be complete until approved by the Dean and the instructors offering the courses selected. Said student shall not be permitted to attend classes until such approvals have been secured.

## GENERAL REQUIREMENTS

Candidates for degrees will be required to recognize the sequence of courses in selecting their work, unless excused by the Faculty.

Persons not candidates for any degree may be admitted to the University as special students, provided they be of mature age and give to the Faculty satisfactory evidence that they are properly qualified to do work creditably and with profit.



# UNIVERSITY OF REDLANDS

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Special students may select their studies without reference to the sequence of courses, but otherwise be subject to the general regulations governing the student body. Such students may at any time become candidates for degrees by conforming to the regular entrance requirements.

No student who has registered for regular work can change his status to that of a special student without permission of the Faculty.

No student will be permitted to drop a study later than two weeks after the beginning of the semester without the consent of the Faculty.

A student withdrawing from the University before the work of any semester has been completed shall thereby forfeit all credits for that semester; but at the discretion of the instructor such student, upon returning to college, may resume a subject at the point dropped and carry it to completion.

The regular work of the student calls for fifteen hours in the class room in each week. Without special permission of the Faculty, no student shall take less than twelve hours nor more than eighteen.

Each student must take a final examination before receiving credit in any course, except that in the second semester a student ready to receive a degree or diploma shall not be required to take an examination in those courses in which his daily grade for that semester is 90 per cent or above.

## HONORS

Honors, as follows, will be awarded at graduation for excellence in scholarship:

# UNIVERSITY OF REDLANDS

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"Honorable Mention" will be made of those students whose work for the entire course, just completed, whether in academy or college proper, averages "A," and who have not fallen below the grade of "B" in any study.

"Special Honors" will be awarded for specific work in certain selected departments of study. To enroll for special honors, the student shall be required to have secured an average rank of "A" in the Freshman and Sophomore years, and his rank must be "B" or above in every subject. Application for enrollment for special honors must be made to the Faculty before the second semester of the Junior year, and no student's application shall be considered unless he is regularly classified and has taken regular work from the time of his matriculation, or has made satisfactory arrangements concerning any irregularities. When the application is granted, the Professor in charge of the Department chosen shall assign special work to the student, substantially equal to one three-hour study for a complete college year. The student shall begin such work not earlier than March 15th of the Junior year, and it must be completed by March 15th of the Senior year. During the period in which the student is working for special honors his grades in the chosen department must not fall below "A" rank, and in no department must they be less than "B" rank. Work done for honors must be advanced in character, and it must always be accompanied by the regular work in that department. That assigned by the Professor may be chosen from advanced elective courses included in the University catalogue, or it may consist of special work outlined for the individual student. In no case, however, shall work done for special honors be permitted to apply toward the credits necessary for regular graduation.

# UNIVERSITY OF REDLANDS

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Upon the completion of the special honor work a special examination shall be given in it and also in all the courses of that department which the student has taken. This examination shall be conducted by the Professor in charge, assisted by some other member of the Faculty chosen by the President of the University.

Students receiving honorable mention or special honors shall have their names enrolled upon the University records as having won such honors, and the fact shall be noted upon their diplomas, announced upon Commencement Day and published in the next annual catalogue.

## PRIZES

Suitable recognition in the form of prizes will be awarded to students showing special proficiency in oratory, the awards to be in the hands of the instructors having charge of such contests. The President of the Board of Trustees, Mattison B. Jones, Esq., offers a gold medal to the student delivering the best oration at a contest to be held in connection with Washington's Birthday.

## SCHOLARSHIPS

A number of scholarships, as indicated below, have been endowed by friends of the University, the income derived from such funds being devoted to defraying the tuition fees of those students to whom the scholarships are awarded. Particulars regarding scholarships may be obtained by addressing the President of the University.

The following is a list of the names of those who have



# UNIVERSITY OF REDLANDS

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contributed \$1500.00 each for the purpose of endowing perpetual scholarships:

Rev. J. F. Childs  
Rev. and Mrs. A. P. Graves (2)  
Mary E. Barton  
Mr. and Mrs. A. Harvey Collins  
James W. Walker  
Mr. and Mrs. Alonzo Gordon  
W. F. Wood  
Rev. and Mrs. Alexander Grant  
Mrs. Martin Bekins  
Mattison B. Jones  
R. H. McCray  
J. Brent Harding  
Arthur H. Bailey  
Mrs. M. Thompson Cornwell  
(To be known as the Thompson Scholarship)  
Norman F. Marsh  
B. H. Reavis  
President and Mrs. J. N. Field  
D. K. Edwards  
Ira J. H. Sykes  
Mr. and Mrs. J. H. Merriam  
W. C. Crowell  
C. H. Barker  
Sarah R. Emerson  
F. A. Garretson  
V. A. Gleason  
J. C. Avakian  
Walberg Brothers

# UNIVERSITY OF REDLANDS

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## STUDENT HELP

A regular bureau will be maintained to assist students who desire work to defray a part of their expenses. Inquiries regarding this matter should be addressed to the President of the University.

## DORMITORIES, ROOMS AND BOARD

In the Bekins Hall for women and the Men's Hall accommodation is provided for a limited number of students. A thoroughly competent matron in charge of the dormitory for women and an instructor residing in that for men give assurance of adequate control. In both the Halls it will be the purpose of the administration to approximate the home life as closely as possible.

Students are required to supply such furnishings as towels, dresser covers, curtains and bedding. The University furnishes the pillows and mattresses.

Students unable to secure accommodations in the Halls or desirous of securing rooms and board elsewhere, may obtain from the Dean lists of approved locations. Students will be permitted to room only in places approved by the Faculty.

For cost of rooms and board see Expenses.

## EXPENSES.

It is believed that the expenses at this institution are as low as is consistent with the high character of the work done. The following schedule will serve to indicate the principal items:

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Tuition per semester, payable in advance:

College .....\$50.00

Preparatory Department ..... 37.50

For Music and Art, see those departments.

Matriculation Fee:

College .....\$5.00

Preparatory Department ..... 3.00

Laboratory Fees:

Chemistry—

College Chemistry, for each course, per  
semester .....\$8.00

Academy Chemistry, for each course, per  
semester ..... 5.00

A deposit of five dollars (\$5.00) is required  
in Chemistry to cover breakage. This deposit,  
less cost of breakage, is refunded at the end of  
the year.

Physics—

College Physics, for each course, per  
semester .....\$5.00

Academy Physics, for each course, per  
semester ..... 3.00

No breakage deposit is required in Physics, but  
an account is kept of all breakages and a charge  
made therefor.

Rooms and Board at the Dormitories:

Per month, when paid in this manner.....\$ 27.00

Per semester, when paid in full at the begin-  
ning of the semester..... 105.00



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The necessary expenses, including rooms, board, tuition, books and laundry, will average about \$350.00 or \$375.00 for the year.

Students preparing for the ministry and children of ministers and missionaries will be granted a discount of 50 per cent in tuition fees for regular work in the Preparatory Department and the College proper.

Special attention is called to the fact that the charge for tuition includes gymnasium, library, graduation and all incidental fees other than the matriculation fee and those connected with laboratory work.

No student may attend classes for more than one week without having made satisfactory arrangement concerning all moneys due the University.

## REQUIREMENTS FOR GRADUATION

No student shall be permitted to graduate from the University who has not credit for at least 120 units and who has not taken at least one year of regular work at the University.

The required work leading to the different degrees is as follows:

### BACHELOR OF ARTS

English .....	12 hours
Mathematics .....	6 hours
History .....	10 hours
Economics .....	3 hours
Philosophy .....	9 hours
Modern Languages .....	6 hours
Science .....	8 hours

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Ancient Languages ..... 18 hours

Total required ..... 72 hours

Electives ..... 48 hours

Total ..... 120 hours

## BACHELOR OF PHILOSOPHY

English ..... 12 hours

Mathematics ..... 6 hours

History ..... 10 hours

Economics ..... 3 hours

Philosophy ..... 15 hours

Modern Languages ..... 12 hours

Science ..... 8 hours

Total required ..... 66 hours

Electives ..... 54 hours

Total ..... 120 hours

## BACHELOR OF SCIENCE

English ..... 9 hours

Mathematics ..... 12 hours

History ..... 6 hours

Economics ..... 3 hours

Philosophy ..... 9 hours

Modern Languages ..... 12 hours

Physics ..... 8 hours

Chemistry ..... 8 hours

Other Science ..... 6 hours

Total required ..... 73 hours

Electives ..... 47 hours

Total ..... 120 hours

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## GRADUATE WORK

The secondary degrees of A. M. and M. S. will be awarded for one year's residence work in addition to that required for the degrees of A. B. or B. S. Candidates for the Master's degree shall select a major department in which he must do two-thirds of his work under the direction of the professor in charge of that department. The remaining one-third of the work required shall be taken in some other department or in not more than two others. Upon the completion of the year's study the candidate must pass an examination upon the subjects taken, such examination to be written, or written and oral, conducted by the instructors in the departments in which the candidate has taken his work, and a visiting professor chosen from some other department by the President.

In addition to the residence work and the examination, as above indicated, the candidate shall prepare a thesis representing the results of original investigations on some subject suggested by the professor in charge of the major department. This thesis must show original and independent investigation and be clothed in such language as will demonstrate the candidate's ability to properly handle such material.





LOOKING NORTHEAST FROM SMILEY HEIGHTS



# Departments of Instruction





## Departments of Instruction

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### PHILOSOPHY

#### I. CHRISTIAN EVIDENCES

In dealing with Christianity as the fundamental postulate in a philosophy of life, the student is introduced to the basic elements in our faith. Outside readings and lectures give opportunity for dealing with difficulties which may arise in the mind of the student.

Required of Freshmen.

Two hours per week, first semester.

#### II. PSYCHOLOGY

This course is an introduction to the general field of psychology, dealing with the more fundamental processes.

Required of Juniors.

Four hours per week, first semester.

#### III. LOGIC

The general principles of deductive and inductive logic are studied with the purpose of applying them, whenever possible, to practical problems.

Required of candidates for Ph. B. degree in Junior year.

Elective to other Juniors and Seniors.

Three hours per week, second semester.

#### IV. ETHICS

The course is designed to give the student an opportunity

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to familiarize himself with the elementary principles of ethical science. A study is made of the origins and guides of action and the principles of morals.

Required of Seniors.

Three hours per week, second semester.

## V. HISTORY OF PHILOSOPHY

A study of the chief systems of thought, both ancient and modern. The text will be supplemented by collateral readings and special investigations.

Required of candidates for Ph. B. degree in Senior year.

Elective to other Juniors and Seniors.

Three hours per week, first semester.

## BIBLE STUDY

Some attention should be given to the study of our Christian system. Introduction to the New Testament will be the subject of study during the first semester.

Elective. One hour per week.

During the second semester the great fundamental doctrines of the Christian Church will be studied.

Elective. One hour per week.

## HISTORY AND SOCIAL SCIENCES

### I. GENERAL MEDIAEVAL

A rapid survey of the leading events in European History from about 350 to 1500 A. D., following closely the work



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as outlined by Trenholme's Syllabus for the History of Western Europe. Text and collateral readings.

Required of Freshmen.

Three hours per week, first semester.

## II. MODERN EUROPE

Continuation of History I. Schwill's Political History of Modern Europe is used as a text-book, and, as in the preceding course, the text is supplemented by collateral reading and special reports.

Required of Freshmen.

Three hours per week, second semester.

## III. AMERICAN HISTORY

An introductory study of early American history from 1492. The work is based upon Thwaite's Colonies and Hart's Formation of the Union.

Required of Sophomores.

Two hours per week, first semester.

## IV. AMERICAN EXPANSION

Expansion of the American people along territorial, social and industrial lines. Continuation of History III, and based upon Sparks' The Expansion of the American People.

Required of Sophomores.

Two hours per week, second semester.

## V. HISTORY OF THE UNITED STATES

Political, social and institutional development of the United States, 1789-1911. Lectures, reports, investigations and

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comparisons. Texts—Hart's The Formation of the Union and Wilson's Division and Reunion.

Prerequisite, History III and IV. Elective.

Three hours per week, first semester.

## VI. HISTORY OF THE UNITED STATES

Continuation of History V.

Three hours per week, second semester.

## VII. ENGLISH HISTORY

This course is planned so as to cover the principal features of English History in one year. Special attention will be paid to the constitutional phases and to England's colonial policy and expansion.

Prerequisite, History I and II. Elective.

Three hours per week, first semester.

## VIII. ENGLISH HISTORY

Continuation of History VII.

Three hours per week, second semester.

## IX. HISTORY OF THE PACIFIC SLOPE

Outlines, investigations and lecture.

Prerequisite, History III and IV. Elective.

One hour per week, first semester.

## X. HISTORY OF THE PACIFIC SLOPE

Continuation of History IX. Elective.

One hour per week, second semester.

## XI. THE REFORMATION

A detailed study of the Protestant Reformation. An at-

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tempt will be made to discover the causes leading to the movement and the immediate and ultimate results, as well as to trace the current of events.

Prerequisite, History I and II. Elective.

Three hours per week, first semester.

## XII. NINETEENTH CENTURY EUROPE

Beginning with the general peace secured by the Congress of Vienna, this course will deal with the new political, social and international problems that characterized the nineteenth century.

Prerequisite, History I and II. Elective.

Three hours per week, second semester.

## XIII. AMERICAN HISTORY

An intensive study of the Revolutionary and Critical Periods of American History. Based upon Fiske's *The War of Independence* and *The Critical Period*.

Prerequisite, History III. Elective.

Three hours per week, first semester.

## XIV. GENERAL SOCIOLOGY

A study of the general principles governing social organization with special reference to conditions as they exist in the United States.

Open to Juniors and Seniors. Elective.

Three hours per week, first semester.

## XV. INTERNATIONAL RELATIONS

This course is designed to familiarize the student with the leading principles of international law, special attention



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being given to some of the more important diplomatic questions that have presented themselves to our own statesmen. Open to Juniors and Seniors. Elective.  
Three hours per week, second semester.

## XVI. ECONOMICS

An introductory course in Political Economy. Readings, reports and special studies to accompany work from text. Required of Juniors.  
Three hours per week, second semester.

## LATIN

### I. CICERO: DE SENECA AND DE AMICITIA

Review of forms and syntax. Discussion of the life and thought of Cicero and the sources of his philosophy.  
Three hours per week, first semester.

### II. HORACE: SELECTIONS FROM ODES AND SATIRES

Will be read metrically to secure ease and fluency in the Latin. Parallel passages from Greek and English poets. Discussion of the spirit and art of Horace.  
Three hours per week, second semester.

### III. LIVY: SELECTIONS

Lectures on the history of Rome. Discussion of the style and rhetorical methods of Livy.  
Three hours per week, first semester.

### IV. TACITUS: ANNALS

Systematic study of the style of Tacitus. Comparison with

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Livy and Thucydides. Lectures on the life and times of Tacitus.

Three hours per week, second semester.

## V. PLAUTUS: CAPTIVI AND TRINUMMUS

TERENCE: ANDRIA

Metrical reading. Lectures on Latin Comedy and the Greek theatre.

Three hours per week, first semester.

## VI. LUCRETIUS: DE RERUM NATURA

CATULLUS: SELECTIONS

Three hours per week, second semester.

## GREEK

### I. LYSIAS: SELECTED ORATIONS

Exercises in recomposition of the text. Analysis of style of Lysias. Lectures on Greek orators.

Three hours per week, first semester.

### II. HOMER: ILIAD, SELECTIONS

Study of forms from text and from Sterrett's Dialect of Homer. Metrical reading of the Greek. Lectures on the Homeric Poems as literature.

Three hours per week, second semester.

### III. LUCIAN: SELECTED DIALOGUES

Exercises in recomposition. Required reading of other dialogues in translations. Lectures on the Greek rhetoricians.

Three hours per week, first semester.

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- IV. PLATO: APOLOGY, CRITO AND PART OF THE PHAEDO  
Discussion of the life and teachings of Socrates. Reading and reviews of the Gorgias, Symposium and Republic in Jowett's translation.

Three hours per week, second semester.

- V. EURIPIDES: IPHIGENEIA IN TAURIS  
ARISTOPHANES: CLOUDS

Discussion of the plot and characters. Lectures on the Greek theatre. Study of the various metres and exercises in metrical reading.

Three hours per week, first semester.

- VI. DEMOSTHENES: ORATION ON THE CROWN

Analysis of the style of Demosthenes, supplemented by readings from Dionysius, and select passages from Hyperides, Isaeus, Aeschines and Isocrates.

Three hours per week, second semester.

N. B. Each of the above twelve courses gives a credit of three hours toward graduation in any course, or a total of thirty-six hours. For the A. B. degree a minimum of eighteen hours is required, which may be selected from the above. Elective for the Ph. B. and B. S. degrees.

- VII. GREEK LITERATURE IN ENGLISH

Lectures on the history of Greek Literature accompanied by class work in Wright's Manual. Required reading of three Greek authors per semester in the best translations, with a critical review of each. The power to criticize independently and appreciate reasonably a work of literary



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art is sought in this course as well as some direct and personal acquaintance with the literature of Greece.

Three hours per week, first semester. Elective.

## VIII. GREEK LITERATURE IN ENGLISH

Continuation of Greek VII.

Three hours per week, second semester. Elective.

## ENGLISH

### I. RHETORIC

In this course a text will be used that emphasizes the nicer discriminations in composition, writing of themes and much illustration from best prose writers.

Required of all Freshmen.

Three hours per week, first semester.

### II. HISTORY OF AMERICAN LITERATURE

The development of American literature from the earliest period will be studied. There will be considerable reading of the works of authors mentioned.

Required of all Freshmen.

Three hours per week, second semester.

### III. HISTORY OF ENGLISH LITERATURE

The development of English literature will be rapidly traced. There will be required considerable reading in connection with the most important literary periods.

Required of Sophomores.

Three hours per week, first semester.

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## IV. HISTORY OF ENGLISH LITERATURE

Continuation of English III.

Required of Sophomores.

Three hours per week, second semester.

## V. ELIZABETHAN DRAMA

The history of the drama and its technique will be studied in connection with much reading of the great plays of the period. Dramatists other than Shakespeare will be the chief objects of study.

Elective for Juniors and Seniors.

Three hours per week, first semester.

## VI. VICTORIAN POETS

While Arnold, Rossetti, Swinburne and Morris will have some attention, the chief subject for study will be of Tennyson and Browning.

Elective for Juniors and Seniors.

Three hours per week, second semester.

## VII. THE ENGLISH NOVEL

The evolution of the English novel will be noted. Much illustrative reading of the novelists will be required.

Elective for Juniors and Seniors.

Three hours per week, first semester.

## VIII. THE ROMANTIC MOVEMENT

This course will consist of studies in the poetry of Wordsworth, Shelley, Coleridge and Keats.

Elective for Juniors and Seniors.

Three hours per week, second semester.

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## PUBLIC SPEAKING

Once each semester, Freshmen and Sophomores will prepare and deliver selections from best orations, or from dramatic prose or verse. Juniors and Seniors will write and deliver orations.

## FRENCH

### I. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used and the following read during French I and II: *La Mere Michel et Son Chat*; *La Tache du Petit Pierre*; *Le Voyage de M. Perrichon*; *Tartarin de Tarascon*; *La Mare Au Diable*; *L'Evasion du Duc de Beaufort*; *Le Juif Polonais*.

Three hours per week, first semester.

### II. CONTINUATION OF FRENCH I

Three hours per week, second semester.

### III. SECOND YEAR FRENCH

Rapid review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year. Among others—Hugo's *Les Miserables*; Balzac, *Le Cure de Tours*; Augier's *Le Fils de Giboyer*, and *Le Gendre de M Poirer*; France *Le Liver de Mon Ami* et *Le Crime de Sylvestre Bonard*; Zola's



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La Debacle; Dumas' Monte Christo; Loti's Le Pecheur D'Islande.

Three hours per week, first semester.

## IV. CONTINUATION OF FRENCH III

Three hours per week, second semester.

## V. FRENCH LITERATURE

A lecture and reading course intended to give an appreciation of the most important and interesting masterpieces of French genius. Conducted entirely in French. Hugo, Sand, Souvestre, Feuillet, Chateaubriand and Rostand will be studied.

Three hours per week, first semester.

## VI. FRENCH LITERATURE

Continuation of French V.

Three hours per week, second semester.

## VII. CONVERSATION COURSE

Facts of daily life discussed. Designed to train students to speak and write the language with some facility.

Two hours per week, first semester.

## VIII. CONVERSATION COURSE

Continuation of French VII.

Two hours per week, second semester.

N. B. Any of the following courses may be offered, but not more than one will be given during any one year.

## IX. BALZAC

His life, methods, purpose and achievements as the lead-



CHEMICAL LABORATORY

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ing French novelist. Discussions and translations. Twelve of his works will be read in class and some five or six out of class.

Two hours per week, first semester.

## X. BALZAC

Continuation of French IX.

Two hours per week, second semester.

## XI. MOLIERE

A critical study of the life and works of the greatest writer of comedies in France. One comedy will be given in private or public.

Two hours per week, first semester.

## XII. MOLIERE

Continuation of French XI.

Two hours per week, second semester.

## XIII. VOLTAIRE

Stories, histories and plays. Discussion of Voltaire's exile; relations with Frederick the Great and Rousseau; attitude toward the church; unique position at Ferney; struggle for great causes, etc.

Two hours per week, first semester.

## XIV. VOLTAIRE

Continuation of French XIII.

Two hours per week, second semester.

## XV. VICTOR HUGO

Careful study of Hugo as the leader of the romantic move-



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ment. A few poems and a number of his best dramas and novels will be read to give an idea of his manifold activity.

Two hours per week, first semester.

## XVI. VICTOR HUGO

Continuation of French XV.

Two hours per week, second semester.

## XVII. THE FRENCH TRAGEDY

A study of Racine, Corneille and Voltaire. Three selected works of each will be read.

Two hours per week, first semester.

## XVIII. THE FRENCH TRAGEDY

Continuation of French XVII.

Two hours per week, second semester.

## XIX. OLD FRENCH

A reading course in Old French prose and poetry. Some attention is given to the development of the language from Latin to the Modern French and to the life and ideas of the Middle Ages. A good reading knowledge of Latin is required for this course, which also presupposes four years of Modern French. Based upon Cledat's *Crestomathie de L'Ancien Francais*, Aucassin et Nicollete, Chrestien de Troye's *Yois*.

Two hours per week, first semester.

## XX. OLD FRENCH

Continuation of French XIX.

Two hours per week, second semester.

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## GERMAN

### I. FIRST YEAR GERMAN

Grammar and composition; reading of easy texts. Joynes-Meissner's German Grammar is used together with *Altes und Neues, Der Process, Nein, Immensee, Der Neffe Als Onkel* and *Der Bibliothekar*.

Three hours per week, first semester.

### II. FIRST YEAR GERMAN

Continuation of German I.

Three hours per week, second semester.

### III. SECOND YEAR GERMAN

Composition and conversation. Reading of Schiller, Lessing and Goethe. *Wilhelm Tell, Die Jung Frau von Orleans, Miana von Barnhelm, Herman and Dorothea, The Vicar of Sesenheim*.

Three hours per week, first semester.

### IV. SECOND YEAR GERMAN

Continuation of German III.

Three hours per week, second semester.

### V. THIRD YEAR GERMAN

The German Novel. Scheffel's *Ekkehard*, Freytag's *Soll und Haben*, Suderman's *Frau Sorge*, Hoffmann's *Das Fraulein von Scuderi*, and others. Reading and discussion.

Three hours per week, first semester.

### VI. THIRD YEAR GERMAN

The German Novel. Continuation of German V.

Three hours per week, second semester.

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N. B. Any one of the following may be taken as the fourth year's work:

## VII. FAUST, PARTS ONE AND TWO

Careful study of the poetry and unity.

Three hours per week, first semester.

## VIII. FAUST

Continuation of German VII.

Three hours per week, second semester.

## IX. GERMAN LITERATURE

History of German Literature of the 12th, 14th and 18th centuries, using Wells, Francke and Robertson as references.

Three hours per week, first semester.

## X. GERMAN LITERATURE

Continuation of German IX.

Three hours per week, second semester.

## XI. ADVANCED GERMAN LITERATURE

Schiller's Trilog; Nathan's Der Weise, Emilia Galloti; Goethe's Iphigenie, Goetz von Berliching, and Egmont.

Three hours per week, first semester.

## XII. CONTINUATION OF GERMAN XI

Three hours per week, second semester.

## XIII. MIDDLE HIGH GERMAN

Paul's Grammatik and Bachman's Lesebuch are used as a basis for study.

Three hours per week, first semester.



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## XIV. MIDDLE HIGH GERMAN

Continuation of German XIII.

Three hours per week, second semester.

## XV. SUDERMAN, HAUPTMAN AND HOFFMAN

Two selected works from each are read.

Three hours per week, first semester.

## XVI. CONTINUATION OF GERMAN XV

Three hours per week, second semester.

## XVII. CONVERSATION COURSE

A course in conversation, composition and sight reading.

Three hours per week, first semester.

## XVIII. CONVERSATION COURSE

Continuation of German XVII.

Three hours per week, second semester.

## SPANISH

### I. FIRST YEAR SPANISH

Manning's Grammar. Geise's First Spanish Book and easy texts. At least three hundred pages will be read and the Spanish pronunciation will be used exclusively.

Three hours per week, first semester.

### II. FIRST YEAR SPANISH

Continuation of Spanish I.

Three hours per week, second semester.

### III. SECOND YEAR SPANISH

Electra (Galdos), Pepita Jiminez (Valera), and Don

# UNIVERSITY OF REDLANDS

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Quijote (Cervantes) will be read. Much conversation and composition.

Three hours per week, first semester.

## IV. SECOND YEAR SPANISH

Continuation of Spanish III.

Three hours per week, second semester.

## V. THIRD YEAR SPANISH

A course in conversation and sight reading of contemporary writers of the South American Republic and a special study of the different idioms of Cuba, Porto Rico, Argentine, Mexico and the Philippines.

Two hours per week, first semester.

## VI. THIRD YEAR SPANISH

Continuation of Spanish V.

Two hours per week, second semester.

## ITALIAN

### I. ELEMENTARY ITALIAN

A course aiming to give a good reading knowledge of the language and some ability to write it. Grandgent's Grammar, Bowen's Reader and Amicis' Cuore are used.

Three hours per week, first semester.

N. B. For required courses in the Department of Modern Languages see Requirements for Graduation.

## MATHEMATICS

### I. COLLEGE ALGEBRA

Rapid review of the Theory of Quadratic Equations, Per-

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mutations and Combinations, Series, Logarithms, Determinants and elementary Theory of Equations.

Required of all candidates for a degree.

Three hours per week, first semester.

## II. TRIGONOMETRY

Analytic Trigonometry, the proofs and applications of the fundamental relations among the functions of angles. Practical Trigonometry, the solution of the plane triangle, measurement of heights and distances. Sufficient Spherical Trigonometry to determine the spherical triangle.

Required of all candidates for a degree.

Three hours per week, second semester.

## III. ELEMENTS OF ANALYTICAL GEOMETRY

A study of the point, the line and the circle, with some of the more important and elementary theorems on the other conic sections.

Required of candidates for the B. S. degree, elective to others.

Two hours per week, first semester.

## IV. ELEMENTS OF ANALYTICAL GEOMETRY

Continuation of Mathematics III.

Required of candidates for B. S. degree, elective to others.

Two hours per week, second semester.

## V. DIFFERENTIAL CALCULUS

Fundamental formulae and processes of differentiation and an insight into the powerful factor which this subject is in modern scientific research.

Prerequisite, Mathematics I-IV.

Three hours per week, first semester.



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## VI. INTEGRAL CALCULUS

A study of the processes of integration and their application to physical and mechanical problems.

Prerequisite, Mathematics I-V.

Three hours per week, second semester.

## VII. DESCRIPTIVE AND GENERAL ASTRONOMY

A study of the heavenly bodies, their constitution, laws of motion, physical properties and the processes by which man discovers these facts.

Prerequisite, Mathematics I-II.

Three hours per week, first semester.

## VIII. DESCRIPTIVE AND GENERAL ASTRONOMY

Continuation of Mathematics VII.

Three hours per week, second semester.

## IX. ADVANCED ANALYTICAL GEOMETRY

A more detailed study of the properties of the conic sections; some insight into the study of higher plane curves.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## X. ADVANCED ANALYTICAL GEOMETRY

Continuation of Mathematics IX.

Two hours per week, second semester.

## XI. ADVANCED THEORY OF EQUATIONS

Equations of higher degrees, symmetric functions of roots, determinants of higher orders.

Prerequisite, Mathematics I-VI.

Two hours per week, first semester.

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## XII. ADVANCED THEORY OF EQUATIONS

Continuation of Mathematics XI.

Two hours per week, second semester.

## XIII. DIFFERENTIAL EQUATIONS

Principles involved in the solution of such equations and the applications of this branch of Mathematics to Mechanics.

Prerequisite, Mathematics I-VI.

Three hours per week, first semester.

## XIV. DIFFERENTIAL EQUATIONS

Continuation of Mathematics XIII.

Three hours per week, second semester.

## XV. ADVANCED INTEGRAL CALCULUS

Special attention will be given to the definite integral and to elliptic integrals.

Prerequisite, Mathematics I-VI.

Two hours per week, first semester.

## XVI. ADVANCED INTEGRAL CALCULUS

Continuation of Mathematics XV.

Two hours per week, second semester.

## CHEMISTRY

### I. GENERAL CHEMISTRY

Advanced course involving theoretical Chemistry. Must be accompanied by Chemistry III.

Prerequisite, one year of Elementary Chemistry.

Two recitations and lectures per week, first semester.

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## II. GENERAL CHEMISTRY

Continuation of Chemistry I. Must be accompanied by Chemistry IV.

Two recitations and lectures per week, second semester.

## III. QUALITATIVE CHEMISTRY

Study of the properties and methods of separating the metallic elements. Must accompany or follow Chemistry I.

Two laboratory periods per week, first semester. Fee, \$8.00.

## IV. QUALITATIVE ANALYSIS

Continuation of Chemistry III. Study of the properties and methods of separating the non-metallic elements. The processes of Qualitative Analysis applied to the determination of the composition of natural and commercial products. Must accompany or follow Chemistry II.

Two laboratory periods per week, second semester. Fee \$8.00.

## V. QUANTITATIVE ANALYSIS

General methods of Gravimetric Analysis. Chemical Arithmetic one hour per week.

Prerequisite, Chemistry I-IV.

Chemical Arithmetic one hour and laboratory work three periods per week, first semester. Fee, \$8.00.

## VI. QUANTITATIVE ANALYSIS

Continuation of Chemistry V. Gravimetric and Volumetric Analysis.

Chemical Arithmetic one hour and laboratory work three periods per week, second semester. Fee, \$8.00.



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## VII. ORGANIC CHEMISTRY

A study of the compounds of Carbon.

Prerequisite, Chemistry I-IV.

Two recitations and two laboratory periods per week, first semester. Fee, \$8.00.

## VIII. ORGANIC CHEMISTRY

Continuation of Chemistry VII.

Two recitations and two laboratory periods per week, second semester. Fee, \$8.00.

## IX. INORGANIC PREPARATIONS

A study of the accepted methods of preparing the principal inorganic compounds.

Prerequisite, Chemistry I-IV.

Four laboratory periods per week, first semester. Fee, \$8.00.

## PHYSICS

### I. MECHANICS, MOLECULAR PHYSICS AND HEAT

Although the grasping of principles and not skill in manipulation is strongly emphasized, still the fixing power of laboratory application is recognized. The purpose is to give the student an insight into the real significance of physical things, by putting him in touch with the methods and instruments of modern physical investigation and by carrying him through the processes of reasoning by which the present science of physics has been developed.

Required, of candidates for B. S. degree in Sophomore year.

# UNIVERSITY OF REDLANDS

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Elective for A. B. and Ph. B., Sophomores, Juniors and Seniors.

Prerequisite, one year of entrance Physics.

Recitation and lectures two hours and two laboratory periods per week, first semester. Fee \$5.00.

## II. SOUND, LIGHT, ELECTRICITY AND MAGNETISM

Continuation of Physics I. Presented in a similar manner and with the same aim.

Required of candidates for B. S. degree in the Sophomore year. Elective for A. B. and Ph. B., Sophomores, Juniors and Seniors.

Recitation and lectures two hours and two laboratory periods per week, second semester. Fee, \$5.00.

## III. ELECTRICAL MEASUREMENTS

Elective for Juniors and Seniors.

Prerequisite, Physics I and II.

One recitation and three laboratory periods per week, second semester. Fee, \$5.00.

## BIOLOGY

### I. GENERAL BOTANY

The study will cover a general and special course of plant life, including lecture, recitations, laboratory and field work. The local flora is very rich in native and cultivated plants suitable for study every month of the year. The work will be taken up under three heads: (a) Morphology, (b)

# UNIVERSITY OF REDLANDS

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Physiology and (c) Special Botany—a study of local flora and conditions and the preparation of an herbarium.

Elective.

Three hours per week, first semester.

## II. GENERAL BOTANY

Continuation of Biology I.

Elective.

Three hours per week, second semester.

## III. GENERAL ZOOLOGY

A study of animal life; the structure, development, classification and distribution.

Elective.

Three hours per week, first semester.

## GEOLOGY.

### I. GENERAL GEOLOGY

Lectures, recitations, laboratory and field work. The study will cover the salient features of the science, giving a systematic and comprehensive knowledge of the most important teachings of Geology. The course will include: (a) Dynamic and Structural Geology, and (b) Historical Geology.

Prerequisite, Biology I-III.

Elective.

Three hours per week, first semester.

### II. GENERAL GEOLOGY

Continuation of Geology I.

Elective.

Three hours per week, second semester.



# Schedule of Courses

## FIRST SEMESTER

8:00 O'CLOCK

Philosophy I .....			W		
History V .....	M	T	W		
History VII .....	M		W		F
History IX .....					F
English C .....			W	T	F
Latin A .....	M	T	W		F
Latin I .....				T	
French I .....	M	T		T	F
French V .....			W		
Mathematics VII .....	M	T	W		
Mathematics XI .....				T	F
Physics A .....	M	T			
Physics I .....	M	T	W	T	

9:20 O'CLOCK

Philosophy II .....		T	W	T	F
English III .....			W	T	F
Latin I .....	M		W		
Greek I .....		T		T	F
French V .....			W		F
German V .....	M	T		T	
Mathematics A .....	M	T		T	F
Physics A .....	M	T	W	T	F
Physics I .....	M	T			

# UNIVERSITY OF REDLANDS

## 10:20 O'CLOCK

History XI .....		T	W	T	
History XIII .....	M		W		F
English C .....		T			
English V .....	M		W		F
Latin C .....	M		W	T	F
Latin III.....		T			
French III .....	M		W		F
German III .....		T		T	
Mathematics I .....	M	T	W		
Mathematics III .....				T	F
Chemistry A .....	M	T	W	T	F
Chemistry III .....				T	F

## 11:20 O'CLOCK

Philosophy I .....		T			
Philosophy IV.....			W	T	F
History A .....	M	T	W		
History XIV.....	M		W		F
English VII .....	M	T	W		
Latin III.....	M		W		
Greek III.....		T		T	F
French VII .....	M	T		T	
German III .....					F
Mathematics C .....	M	T			
Mathematics E .....			W	T	
Chemistry A .....				T	F
Chemistry I .....	M	T			
Chemistry III.....				T	F
Botany I .....		T	W	T	

UNIVERSITY OF REDLANDS

1:30 O'CLOCK

History A .....				T	
History I .....	M		W		
History III .....	M				F
English I .....		T		T	F
Latin V .....				T	
Greek A .....	M	T	W		F
Spanish I .....	M		W		F
Italian I .....		T		T	
Mathematics XIII .....	M	T	W		
Mathematics XV .....				T	F
Chemistry V .....	M	T	W	T	
Chemistry VII .....	M	T			
Zoology .....		T	W	T	

2:30 O'CLOCK

History I .....					F
English A .....	M	T		T	F
Latin V .....	M				
Greek C .....		T	W	T	F
German I .....	M	T	W	T	
Italian I .....					F
Mathematics V .....		T	W	T	
Mathematics IX .....	M				F
Chemistry V .....	M	T	W		
Chemistry VII .....	M	T		T	F
Geology I .....		T	W	T	

The hours for the following courses will be arranged by the instructor :

- Latin V (one hour)
- Greek V
- Greek VII
- French IX (or substitute)
- German VII (or substitute)
- Spanish II
- Spanish V
- Chemistry IX



# UNIVERSITY OF REDLANDS

## SECOND SEMESTER

8:00 O'CLOCK

History VI .....	M	T	W		
History VIII .....	M		W		F
History IX .....					F
English D.....			W	T	F
Latin B.....	M	T	W		F
Latin II.....				T	
French II.....	M	T		T	F
French VI.....			W		
Mathematics VIII .....	M	T	W		
Mathematics XII.....				T	F
Physics B .....	M	T			
Physics II .....	M	T	W	T	

9:20 O'CLOCK

Philosophy III.....		T	W	T	
English IV.....			W	T	F
Latin II.....	M		W		
Greek II .....		T		T	F
French VI.....			W		F
German VI.....	M	T		T	
Mathematics B.....	M	T		T	F
Physics B .....	M	T	W	T	F
Physics II .....	M	T			

# UNIVERSITY OF REDLANDS

## 10:20 O'CLOCK

History XII.....		T	W	T	
History XVI.....	M		W		F
English D.....		T			
English VI.....	M		W		F
Latin D.....	M		W	T	F
Latin IV.....		T			
French IV.....	M		W		F
German IV.....		T		T	
Mathematics II.....	M	T	W		
Mathematics IV.....				T	F
Chemistry B.....	M	T	W	T	F
Chemistry IV.....				T	F

## 11:20 O'CLOCK

Philosophy V.....		T	W	T	
History B.....	M	T	W		
History XV.....	M		W		F
English VIII.....	M	T	W		
Latin IV.....	M		W		
Greek IV.....		T		T	F
French VIII.....	M	T		T	
German IV.....					F
Mathematics D.....	M	T			
Mathematics F.....			W	T	
Chemistry B.....				T	F
Chemistry II.....	M	T			
Chemistry IV.....				T	F

# UNIVERSITY OF REDLANDS

## 1:30 O'CLOCK

History B.....				T	
History II.....	M		W		
History IV.....	M				F
English II.....		T		T	F
Latin VI.....				T	
Greek B.....	M	T	W		F
Spanish II.....	M		W		F
Italian II.....		T		T	
Mathematics XIV.....	M	T	W		
Mathematics XVI.....				T	F
Chemistry VI.....	M	T	W	T	
Chemistry VIII.....	M	T			
Botany II.....		T	W	T	

## 2:30 O'CLOCK

History II.....					F
English B.....	M	T		T	F
Latin VI.....	M				
Greek D.....		T	W	T	F
German II.....	M	T	W	T	
Italian II.....					F
Mathematics VI.....		T	W	T	
Mathematics X.....	M				F
Chemistry VI.....	M	T	W		
Chemistry VIII.....	M	T		T	F
Geology II.....		T	W	T	

The hours for the following courses will be arranged by the instructor :

Latin VI (one hour)	German VIII (or substitute)
Greek VI	Spanish III
Greek VIII	Spanish V
French X (or substitute)	Physics III





LOOKING EAST FROM PORTICO



# Department of Music





## Department of Music

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### INSTRUCTORS

DON JOSE M. A. RODRIGUES, Director

*Professor of Voice, General Repertoire and Bel Canto.*

Don Jose Rodrigues is a native of Spain. He received his education in Italy, Spain, France and America, having studied under the best masters in Italy and France. His career in European Grand Opera and in concert work in this country especially fits him for the particular lines to which he devotes his time with such marked success. He is a master of the Romance Languages and English, and is an expert teacher of Voice, Interpretation, Physiology of the Vocal Organs and Psychology of Music. Don Jose is not only a musician himself, but is a teacher as well, and has the ability to impress his artistic temperament upon his pupils.

MADAME LORD-WOOD

*Professor of Piano and Piano Repertoire.*

Madame Lord-Wood is a pupil of Paderewski and has studied under others of the best European teachers. She is a teacher of wide experience.

RALPH WYLIE

*Professor of Violin, Harmony and Counterpoint.*

Mr. Wylie studied many years in Berlin with the best

# UNIVERSITY OF REDLANDS

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teachers in his special lines. He is an orchestral director and violin virtuoso.

## G. HAYDN JONES

*Instructor of Voice and Sightsinging (Solfeggio).*

Mr. Jones has studied in England and New York. He is an expert in solfeggio, oratorio and church music.

## EDWARD C. HOPKINS

*Instructor of Piano, Organ, History of Music, Theory and Harmony.*

Mr. Hopkins is an organ expert and a thorough general musician. He is a performer of rare ability, and a conscientious and thorough teacher.

## F. B. GUNTHER

*Instructor of Violin.*

Mr. Gunther studied for ten years in New York and other American cities. He has wide experience as a teacher of violin.



## General Information

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In accordance with the plan followed in connection with the other departments of the University, provisions have been made for the most thorough elementary and advanced work in the Department of Music.

Realizing the degree to which superior musical proficiency is attainable only in conjunction with the highest cultural development, stress will be laid upon this phase of the student's growth, and special attention will be given to courses in other departments of the University which will prove of value to students in the Department of Music.

Classes in this department will be organized at the beginning of the college year as indicated in the calendar, except in the event of a sufficient number of pupils applying at some other time to justify the formation of special classes.

Individual work may be begun at any time by students showing marked musical ability.

Diplomas will be awarded to students showing sufficient musical ability who have completed the required courses. The pupil's work is to be subject to the approval of the Director.

## Conservatory Course for Piano

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CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA.

In order to enter this course, the applicant must have a certificate showing graduation from a good High School or equivalent credits, and in addition at least two years of elementary piano work.

### FIRST YEAR

Piano.....two periods a week  
History of Music.....one period a week  
Theory .....one period a week  
One Modern Language.....  
.....three or four periods a week

### SECOND YEAR

Piano.....two periods a week  
History of Piano-Forte Music.....  
.....one period a week  
Harmony .....one period a week  
One Modern Language.....  
.....three or four periods a week

### THIRD YEAR

Piano (Special) .....one period a week  
Harmony .....one period a week

# UNIVERSITY OF REDLANDS

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One Modern Language.....  
.....three or four periods a week  
Psychology.....three periods a week

## FOURTH YEAR

Piano (Special) .....one period a week  
Harmony and Counterpoint...one period a week  
Composition .....one period a week  
One Modern Language.....  
.....three or four periods a week  
Psychology .....three periods a week

During this course the pupil must appear in public at least four times, the time of such public appearance to be advised by the Director.



## Conservatory Course for Voice

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CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA.

In order to enter this course, the applicant must have a certificate showing graduation from a good High School, or equivalent credits, and in addition at least one year of elementary piano work.

### FIRST YEAR

Voice .....	two periods a week
Sightsinging .....	two periods a week
Piano .....	one period a week
History of Music.....	one period a week
Italian .....	three or four periods a week
Moral Philosophy .....	three periods a week

### SECOND YEAR

Voice .....	two periods a week
Sightsinging .....	two periods a week
Piano .....	one period a week
Bel Canto (Special).....	one period a week
Italian .....	three or four periods a week

### THIRD YEAR

Voice (Special) .....	one period a week
Sightsinging .....	two periods a week

# UNIVERSITY OF REDLANDS

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## Italian and English Repertoire (Special)

.....	one period a week
Italian .....	three or four periods a week
French or German.....	
.....	three or four periods a week
Psychology .....	three periods a week

## FOURTH YEAR

Voice (Special) .....	one period a week
Sightsinging .....	two periods a week
General Repertoire (Special).....	
.....	one period a week
Theory and Harmony.....	one period a week
French, German or Italian.....	
.....	three or four periods a week
Psychology .....	three periods a week

During this course the pupil must appear in public at least four times, the time of such public appearance to be advised by the Director.

## Conservatory Course for Violin

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CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA.

In order to enter this course, the applicant must have a certificate showing graduation from a good High School, or equivalent credits, and in addition at least two years of elementary violin.

### FIRST YEAR

Violin (Special) .....one period a week  
Harmony .....one period a week  
Piano .....one period a week  
One Scientific Subject (Mathematics  
or Physics) .....three periods a week  
One Modern Language.....  
.....three or four periods a week

### SECOND YEAR

Violin (Special) .....one period a week  
Harmony .....one period a week  
Piano .....one period a week  
Ensemble Playing .....one period a week  
One Scientific Subject (Elective).....  
.....three periods a week  
One Modern Language.....  
.....three or four periods a week



UNIVERSITY OF REDLANDS

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THIRD YEAR

Violin (Special)	.....one period a week
Counterpoint	.....one period a week
Ensemble Playing	.....one period a week
Musical Form	.....one period a week
One Scientific Subject (Elective)	.....
	.....three periods a week
One Modern Language	.....
	.....three or four periods a week

FOURTH YEAR

Violin (Special)	.....one period a week
Composition	.....one period a week
History of Music	.....one period a week
Ensemble Playing	.....one period a week
One Scientific Subject (Elective)	.....
	.....three periods a week
One Modern Language	.....
	.....three or four periods a week

During the course the pupil must appear in public at least four times, the time of such public appearances to be advised by the Director.

# UNIVERSITY OF REDLANDS

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## Tuition

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Piano, two periods a week.....	\$42.00
Voice, two periods a week.....	42.00
Harmony, one period a week.....	22.00
History of Music, one period a week.....	22.00
Sightsinging, two periods a week.....	42.00
Italian, three or four periods a week.....	16.67
French, three or four periods a week.....	16.67
German, three or four periods a week.....	16.67
Moral Philosophy, three periods a week...	16.67
Psychology, three periods a week.....	16.67

## TUITION UNDER SPECIAL INSTRUCTORS

Bel Canto (Advanced Singing), one period a week, per semester.....	\$60.00
Violin, one period a week.....	60.00
General Repertoire, one period a week.....	60.00

After first semester a fee of five dollars per semester will be charged for accompanists.



COLTON AVENUE, LOOKING TOWARD THE CAMPUS





# Department of Art





## Department of Art

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IDA SCHULER KNIGHTS

*Instructor in Art.*

Instruction in all classes is individual. Advancement of each student depends on the degree of proficiency only. Students may enter any class upon presenting work showing the necessary skill.

Students will be admitted at any time; but not for less than one term except by special arrangement.

Special branches may be taken up separately from the course.

Each student is expected to pursue a systematic course of reading in art history, literature, and current art subjects.

All fees payable in advance.

### COURSE OF STUDY

#### FIRST YEAR

Charcoal drawing from casts. Pencil drawing from flowers. Charcoal drawing from still life. Time sketching and applied perspective.

#### SECOND YEAR

Drawing from the antique and still life, composition and art history.

UNIVERSITY OF REDLANDS

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THIRD YEAR

Drawing from life in charcoal, anatomy, composition. Still life in water colors.

FOURTH YEAR

Drawing from life in charcoal. Still life in water colors and oil.

TUITION

Regular Course, per semester.....	\$40.00
Two class lessons in any one branch, five hours a week, per semester.....	30.00
One class lesson, in any one branch, two hours a week, per semester.....	15.00



REDLANDS AND MOUNTAINS FROM SMILEY HEIGHTS





# Preparatory Department





## Preparatory Department

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### GENERAL INFORMATION

The University authorities have determined, for a few years at least, to maintain an academic department, covering approximately the last two years of the regular high school or academic course. The work in these classes will be given, in so far as possible, by the regular professors in the University.

Students contemplating entering the academy should request the superintendent of the school last attended to forward to the Registrar of the University a certificate showing the work for which credit will be asked. The entrance requirements for this department presuppose that the student has completed the work for the first two years in some accredited high school.

Students expecting to take the entrance examinations should present themselves to the Registrar on the dates set for such examinations (see Calendar).

The system of grading, the regulations as to work and examinations, and all general rules and regulations of the University apply also to the Academic Department. Upon request, parents of students in the Preparatory Department will be kept informed as to the character of the work being done.

Graduates from this department will be granted a diploma showing the completion of this work and will be admitted to the University without examination.

# UNIVERSITY OF REDLANDS

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To that student graduating from the Academic Department with the highest average grade for work done in residence will be granted a prize in the form of free tuition in the regular Collegiate Department for one semester, providing such work be taken during the year immediately following that in which said student completed the academic work.

## DORMITORIES AND ROOMS

The two Halls, the one for men, the other for women, supply accommodations for a limited number of students. Those who cannot be thus provided for, or for any reason prefer to room and board elsewhere, may secure a list of approved places upon application to the Dean. (For rates see Expenses, Collegiate Department.)

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## Courses of Instruction

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### LATIN

A. CICERO—ORATIONS AND LETTERS

Weekly exercises in recomposition of the text. Daily practice in reading the Latin to secure fluency and expression. Special studies on the life and times of Cicero. Memorizing of select passages.

Four hours per week, first semester.

B. CICERO—ORATIONS AND LETTERS

Continuation of Latin A.

Four hours per week, second semester.

C. VERGIL—AENEID, BOOKS I-IV AND SELECTIONS

Exercises in metrical reading of the text. Systematic study of Vergil's spirit, style and grammatical idioms.

Four hours per week, first semester.

D. VERGIL—AENEID, BOOKS I-VI AND SELECTIONS

Continuation of Latin C.

Four hours per week, second semester.

### GREEK

A. ELEMENTARY GREEK

Inflections, syntax and composition. Reading in the Anabasis of Xenophon.

Four hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## B. ELEMENTARY GREEK

Continuation of Greek A.

Four hours per week, second semester.

## C. XENOPHON—ANABASIS, BOOKS I-IV

Exercises in recomposition of the text. Daily practice in reading the Greek. Review of syntax with Goodwin's Greek Grammar.

Four hours per week, first semester.

## D. XENOPHON—ANABASIS

Continuation of Greek C.

Four hours per week, second semester.

For the years 1910-1912 the courses in elementary Greek and Xenophon Anabasis, if taken in this institution, will receive college credit as electives, at the rate of three hours per semester.

## ENGLISH

### A. FIRST YEAR ENGLISH

The fundamentals of composition will be studied. There will be much practice in writing. Selections from the books for reading for college entrance will be studied.

Four hours per week, first semester.

### B. FIRST YEAR ENGLISH

Continuation of English A.

Four hours per week, second semester.

### C. SECOND YEAR ENGLISH

Some rhetorical principles will be considered. There will be some thorough word study, and frequent practice in lit-



# UNIVERSITY OF REDLANDS

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erary expression. Some of the books for study in the college entrance requirement will be reviewed thoroughly. There will be some additional reading.

Four hours per week, first semester.

## D. SECOND YEAR ENGLISH

The principles of Augmentation will be taught, and there will be practice in the application of these principles. The work with the books for study and reading for college entrance will be completed.

Four hours per week, second semester.

## FRENCH

### A. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used and the following read during French I and II: *La Mere Michel et Son Chat*, *La Tache du Petit Pierre*, *Le Voyage de M. Perrichon*, *Tartarin de Tarascon*, *La Mare Au Diable*, *L'Evasion de Duc de Beaufort*, *Le Juif Polonais*.

Four hours per week, first semester.

### B. FIRST YEAR FRENCH

Continuation of French A.

Four hours per week, second semester.

### C. SECOND YEAR FRENCH

Rapid review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories

# UNIVERSITY OF REDLANDS

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of some of the greatest writers of the nineteenth century will be studied during the year. Among others—Hugo's *Les Miserables*; Balzac, *Le Cure de Tours*; Augier's *Le Fils de Giboyer*, and *Le Gendre de M. Poirer*; France's *Le Livre de Mon Ami et le Crime de Sylvestre Bonard*; Zola's *La Debacle*; Dumas' *Monte Christo*; Loti's *Le Pecheur D'Islande*.

Four hours per week, first semester.

## D. SECOND YEAR FRENCH

Continuation of French C.

Four hours per week, second semester.

## GERMAN

### A. FIRST YEAR GERMAN

Grammar and composition; reading of easy texts. Joynes-Meissner's *German Grammar* is used, together with *Altes and Neues, Der Process, Nein, Immensee, Der Neffe Als Onkel* and *Der Bibliothekar*.

Four hours per week, first semester.

### B. FIRST YEAR GERMAN

Continuation of German A.

Four hours per week, second semester.

### C. SECOND YEAR GERMAN

Composition and conversation. Reading from Schiller, Lessing and Goethe. *Wilhelm Tell, Die Jung Frau von Orleans, Minna von Barnhelm, Herman und Dorothea, The Vicar of Seseuheim*.

Four hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## D. SECOND YEAR GERMAN

Continuation of German C.

Four hours per week, second semester.

## HISTORY

### A. AMERICAN HISTORY AND CIVICS

Recognizing that the student in the last years of his Academy course is within but a few years of active citizenship, this course is designed to give him a knowledge, not of facts merely, but also of the methods of our Government and of his share in it. Therefore a somewhat intensive study will be made of such topics as will call for comparison and the exercise of judgment on the part of the student and at the same time show the institutional and constitutional development of our country.

Required of Academy students in either first or second year.

Four hours per week, first semester.

### B. AMERICAN HISTORY AND CIVICS

Continuation of History A.

Four hours per week, second semester.

## MATHEMATICS

### A. PLANE GEOMETRY

Much stress is laid upon the working of original exercises. Many of these will be written and many solved extempore before the class.

Four hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## B. PLANE GEOMETRY

Continuation of Mathematics A.

Four hours per week, second semester.

## C. INTERMEDIATE ALGEBRA

Much attention is paid to factoring, theory of exponents, quadratic equations, ratio and proportion, the progressions and the binomial theorem for positive integral exponents.

Prerequisite, the equivalent of four hours per week for one year of Elementary Algebra.

Two hours per week, first semester.

## D. INTERMEDIATE ALGEBRA

Continuation of Mathematics C.

Two hours per week, second semester.

## E. SOLID GEOMETRY

The fundamental propositions of solid and spherical geometry with many original exercises applied especially to the mensuration of solids.

Prerequisite, Mathematics A and B.

Two hours per week, first semester.

## F. SOLID GEOMETRY

Continuation of Mathematics E.

Two hours per week, second semester.

## CHEMISTRY

### A. ELEMENTS OF CHEMISTRY

A beginning course in Chemistry, mainly descriptive in nature, which, while given as a foundation for higher courses



# UNIVERSITY OF REDLANDS

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in Chemistry, is complete in itself. Offered in the Academy first year course and to students entering college without Chemistry credits.

Three recitations and two laboratory periods per week, first semester. Fee, \$5.00.

## B. ELEMENTS OF CHEMISTRY

Continuation of Chemistry A.

Three recitations and two laboratory periods per week, second semester. Fee, \$5.00.

## PHYSICS

### A. ELEMENTARY PHYSICS

A recitation and laboratory course which is prerequisite for all college courses in Physics. Given in the Academy second year and also open to students entering the University who do not offer one year of entrance Physics.

Three recitations and two laboratory periods per week, first semester. Fee, \$3.00.

### B. ELEMENTARY PHYSICS

Continuation of Physics A.

Three recitations and two laboratory periods per week, second semester. Fee, \$3.00.



# UNIVERSITY OF REDLANDS

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## Register of Students

FOR THE YEAR 1909-1910

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### SENIORS

Field, Lois Edith.....	Redlands, Cal
Howes, Roy Francis.....	Thermal, Cal.
Jones, John W. ....	Dallas, Texas
Rice, Ralph R. ....	Moapa, Nev.
Rice, Samuel D. ....	Moapa, Nev.

### JUNIORS

Coolidge, Rachel Abbie .....	Pasadena, Cal.
Willis, Nelle .....	Manchester, Tenn.

### SOPHOMORES

Gaines, Virginia Claire .....	Redlands, Cal.
Humphrey, Grace Myrtle.....	Orange, Cal.

### FRESHMEN

Bekins, Ruth Mabel .....	Los Angeles, Cal.
Field, Helen Marie .....	Redlands, Cal.
Ford, Harry Henderson, Jr. ....	Redlands, Cal.
Hatcher, Joybell .....	Amarillo, Texas
Hidden, Elizabeth .....	Los Angeles, Cal.
Higbey, Alberta Belle .....	Redlands, Cal.
Hisom, Grace L. ....	San Bernardino, Cal.

# UNIVERSITY OF REDLANDS

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Inwood, Grace .....	Redlands, Cal.
Knight, Samuel .....	Redlands, Cal.
McNair, Harley F. ....	Redlands, Cal.
Mathews, Anna Grace .....	San Dimas, Cal.
Mathews, Vera Ethel .....	San Dimas, Cal.

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## Preparatory Department

---

### SENIORS

Marshall, Corinne Areline .....	Birch Tree, Mo.
Meeker, Marian Grace .....	Redlands, Cal.
Miebach, Philip John .....	Lethbridge, Canada
Rickman, Charles Hulbert .....	Compton, Cal.
Sandefur, Ira Lee .....	San Bernardino, Cal.
Smith, Lulu Mary .....	Redlands, Cal.
Stowe, Nettie Edwards .....	Redlands, Cal.
Williams, Roger J. ....	Ottawa, Kan.

### JUNIORS

Carpenter, Isabel .....	Redlands, Cal.
Coolidge, Frances Emily .....	Pasadena, Cal.
Garland, William J. ....	Los Angeles, Cal.
Herold, Roberta Carolyn .....	St. Louis, Mo.
Meador, Vera .....	Mentone, Cal.
Poston, Oscar .....	Azusa, Cal.



UNIVERSITY OF REDLANDS

Shaffer, Oscar Royal .....	Bryan, Ohio
Thatcher, Frederick J. ....	Redlands, Cal.
Wood, Hazel Elizabeth .....	Glendale, Cal.

Special

Akins, Catherine Eunice.....	Redlands, Cal.
Armstrong, Mary Edna .....	Redlands, Cal.
Atkinson, Vera I. ....	Los Angeles, Cal.
Atkinson, Leta Gertrude .....	Los Angeles, Cal.
Best, Erwin Samuel .....	Redlands, Cal.
Blair, George C. ....	Redlands, Cal.
Bullock, Ruth .....	Redlands, Cal.
Clatworthy, William E.....	Redlands, Cal.
Fessenden, Beatrice Louise .....	San Bernardino, Cal.
Gardner, Flosse E. ....	Los Angeles, Cal.
Gore, Elizabeth .....	Redlands, Cal.
Gore, Mrs. J. Frank .....	Redlands, Cal.
Hanna, Olive .....	Waveland, Ind.
Harris, Ruth Elie .....	Redlands, Cal.
Hendrickson, Fred .....	Redlands, Cal.
Hotchkiss, Mary Roxana .....	Redlands, Cal.
McClelland, Margaret .....	Redlands, Cal.
Meeker, Zenas Earl .....	Redlands, Cal.
Montgomery, Mary P. ....	Taunton, Mass.
Riley, Portia Alice .....	Pomona, Cal.
Sloan, Sylvia Myrtle .....	San Bernardino, Cal.
Stuart, Harriet Frances.....	Kenilworth, Ill.



# UNIVERSITY OF REDLANDS

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UNIVERSITY  
— OF —  
REDLANDS

BULLETIN

Annual Catalogue

UNIVERSITY OF ILLINOIS

OCT 4 1915

PRESIDENT'S OFFICE

Vol. I

MAY, 1911

No. 1

PUBLISHED QUARTERLY BY THE  
UNIVERSITY OF REDLANDS

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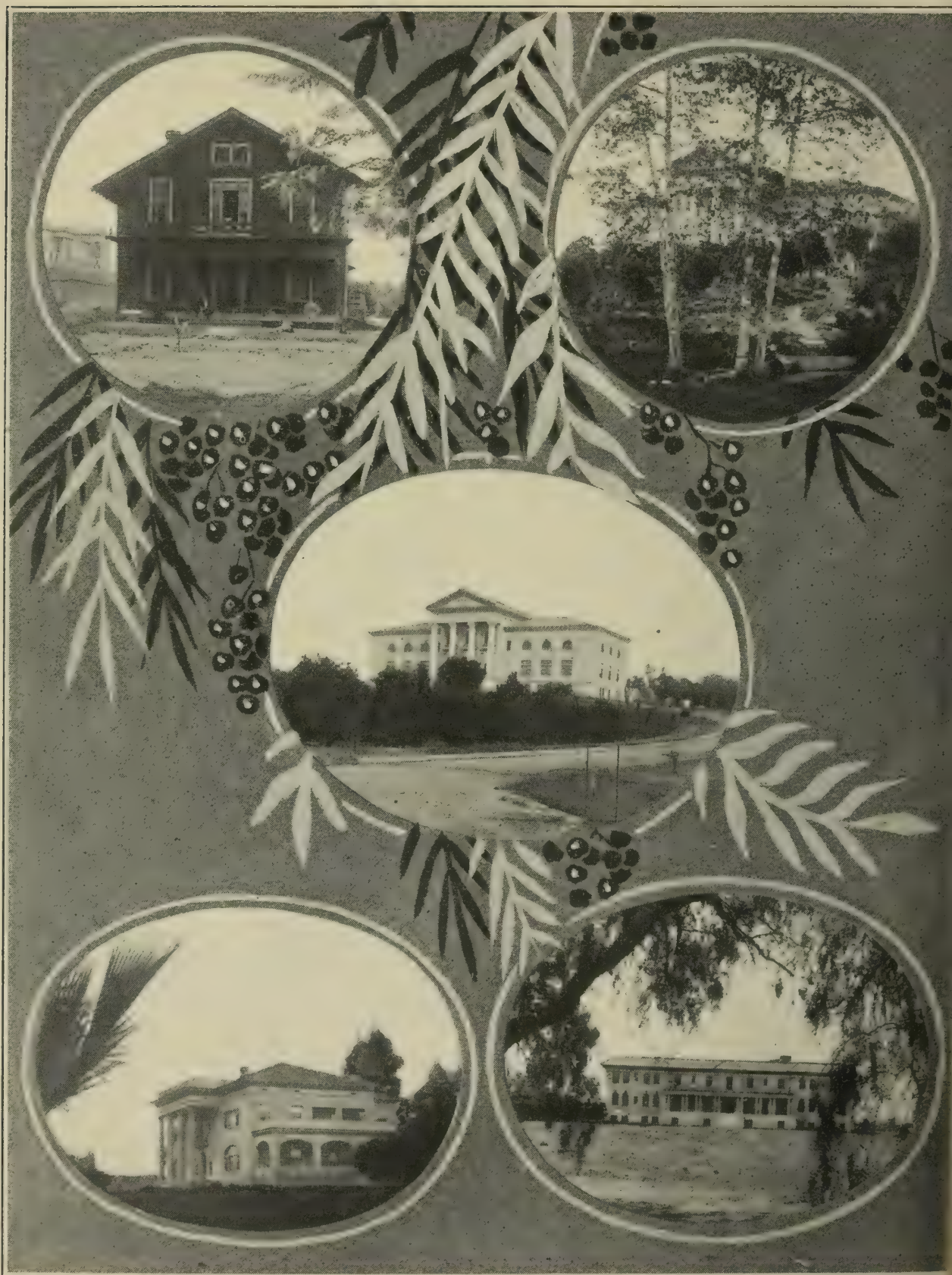






Reavis Hall

Administration Building, South Front



Administration Building

President's Home

Bekins Hall

UNIVERSITY  
— OF —  
REDLANDS

Third Annual Announcement



Redlands, California

1911-1912





# UNIVERSITY OF REDLANDS

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## Calendar

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### 1911.

September 19th, Tuesday—Entrance examinations.

September 20th, Wednesday—Registration for First Semester.

September 21st, Thursday—First Semester begins with Assembly at 9 a. m.

{ November 30th, Thursday, to

{ December 4th, Monday, at 1:30 p. m.

Thanksgiving Recess

December 29th, Wednesday—Christmas Vacation begins at 4:30 p. m.

### 1912.

January 3rd, Wednesday—Christmas Vacation ends at 8 a. m.

January 25th, Thursday—Day of Prayer for Colleges.

January 31st, February 1st and 2nd, Wednesday, Thursday and Friday—Mid-year examinations.

February 5th, Monday—Entrance examinations and registration for Second Semester.

February 6th, Tuesday—Second Semester begins at 8 a. m.

February 22nd, Thursday—Washington's Birthday.

March 22nd, Friday—Spring Vacation begins at 4:30 p. m.

April 1st, Monday—Spring Vacation ends at 1:30 p. m.

May 30th, Thursday—Memorial Day.

June 5th, 6th and 7th, Wednesday, Thursday and Friday—Final examinations.

June 9th, Sunday—Baccalaureate Sermon, 11 a. m.

Vesper Service, 4:30 p. m.

# UNIVERSITY OF REDLANDS

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June 10th, Monday evening—Annual Zanjafest.

June 11th, Tuesday—Anniversary of the College of Fine  
Arts, Department of Music.  
Athletic events.

June 12th, Wednesday—Class Day.  
Graduating exercises of Academy.  
President's Reception.

June 13th, Thursday—Commencement.  
Alumni Reunion and Banquet.

## Board of Trustees

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### MEMBERS OF THE BOARD

Term expiring January, 1912:

S. A. Garretson, San Diego  
G. F. Holt, Riverside  
Mattison B. Jones, Los Angeles  
J. H. Merriam, Pasadena  
J. L. Smith, Pasadena

Term expiring January, 1913:

A. T. Currier, Pomona  
J. W. Curtis, San Bernardino  
W. H. Fowler, Los Angeles  
T. C. Roseberry, Los Angeles  
J. H. Strait, Redlands

Term expiring January, 1914:

Jasper Newton Field, Redlands  
Isaac Ford, Redlands  
Arthur Gregory, Redlands  
W. H. Jameson, Corona.  
Carey R. Smith, Santa Ana

# UNIVERSITY OF REDLANDS

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## OFFICERS OF THE BOARD

MATTISON B. JONES, President . . . Los Angeles, Cal.  
Hellman Building, Fourth and Spring Streets.

T. C. ROSEBERRY, Vice-President . . . Los Angeles, Cal.  
1071 Hoover Street.

J. W. CURTIS, Secretary . . . San Bernardino, Cal.  
Seventh and E Streets.

JASPER NEWTON FIELD, D. D., President of the University

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VICTOR L. DUKE, Treasurer . . . Redlands, Cal.  
University of Redlands.

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## EXECUTIVE COMMITTEE

Mattison B. Jones  
Jasper Newton Field, D. D.  
J. W. Curtis  
T. C. Roseberry  
W. H. Fowler  
J. H. Merriam  
J. H. Strait  
Victor L. Duke, ex-officio

The regular meetings of the Board of Trustees will be held June 14th, 1911, and January 23rd, 1912.



# UNIVERSITY OF REDLANDS

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## Faculty

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JASPER NEWTON FIELD, D. D., President of the University,  
*Professor of Moral Philosophy.*

Graduate of Denison University. Graduate of the University of Chicago Divinity School. D. D. of his Alma Mater, 1909.

GEORGE D. KNIGHTS, A. M., D. D., Vice-President of the University, *Professor of English Literature.*

A. B., Colgate University, 1891; A. M., 1894.

Graduate student in English Literature, English Philology and Pedagogy in the University of Pennsylvania, 1895-97. Graduated from the Rochester Theological Seminary, 1900.

D. D., Shurtleff College, 1908.

University of Redlands, 1909—.

A. HARVEY COLLINS, A. B., Registrar, *Professor of History.*

A. B., Indiana University, 1890. University of California Summer School Sessions, 1903, 1906.

Superintendent of Schools, Hartington, Neb., 1890-1895. Bloomfield, Neb., 1895-6. Principal of Garfield School, Pasadena, Cal., 1896-1902. Supervising Principal, Redlands Grammar Schools, 1902-1906. Supervising Principal and Principal of Covina City and Union High Schools 1906-9.

Associate Professor of History, University of Redlands, 1909-11. Professor of History 1911—.

VICTOR L. DUKE, A. M., Treasurer, *Professor of Mathematics.*

A. B., Shurtleff College, 1897, A. M., 1903. University of Chicago Summer Sessions, 1898, 1899, 1900, 1901 and 1903.

Professor of Mathematics, Shurtleff College, 1897-1909.

University of Redlands 1909—.

# UNIVERSITY OF REDLANDS

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JAMES W. KYLE, A. M., *Professor of Ancient Languages.*

A. B., Denison University, 1894. A. M., University of Chicago, 1900.

Student Royal Museum, Berlin, 1898; Member of American School of Classical Studies, Athens, Greece, 1898-99. Acting Professor of Greek, University of Missouri, 1900-01. Professor of Greek, William Jewell College, 1901-1909.

University of Redlands, 1909—.

S. GUY JONES, B. S., *Professor of Chemistry and Physics.*

B. S., Denison University, 1903.

Instructor in Science, High School, Piqua, Ohio, 1903-04. Instructor in Chemistry and Physics, Pillsbury Academy, Minn., 1904-09.

University of Redlands, 1909—.

GEORGE ROBERTSON, A. B., *Professor of Biology and Geology.*

A. B., McGill University, Montreal, 1881. Graduate Congregational College, Montreal, Canada, 1882.

Instructor in Logic, St. Francis College, Richmond, Quebec, 1887. Instructor in Greek, Toronto, Canada, 1889-90. Private instructor in Botany and Geology, Redlands, Cal.

Instructor in Botany and Geology, University of Redlands, 1909-11. Professor of Biology and Geology, University of Redlands, 1911—.

HERBERT E. WISE, *Professor of Philosophy and Sociology.*

A. B., University of Manitoba, 1892. Graduate of Newton Theological Institution, 1897.

Instructor in Philosophy and Economics, University of Redlands, 1910-11.

Professor of Philosophy and Sociology, University of Redlands, 1911—.

# UNIVERSITY OF REDLANDS

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EDITH ABIGAIL HILL, A. B., *Associate Professor of Romance Languages.*

A. B., Leland Stanford Junior University, 1903. Student at the Sorbonne, Paris, 1903. Student University of Berlin, 1904. Studied in Mexico, 1905. Student University of Madrid, 1909-10.

Instructor in Modern Languages, High School, Redlands, Cal., 1905-09.

University of Redlands, 1910—.

ALICE M. WILLIAMS, A. M., *Instructor in English and Latin.*

Ph. B., Ottawa University, 1905. A. M., University of Redlands, 1911.

Teacher of History and German, High School, Chillicothe, Mo., 1905-8. Teacher of Latin and History, Hiawatha Academy, Hiawatha, Kansas, 1908-9. Bible School Organizer for State Baptist Convention of Kansas, 1909-10.

University of Redlands, 1911—.

HERBERT B. HOLT, *Assistant in Academy Chemistry.*

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## COLLEGE OF FINE ARTS

JASPER NEWTON FIELD, D. D., President of the University.

DON JOSE M. A. RODRIGUES, Dean, *Professor of Voice, General Repertoire and Bel Canto.*

Student of Vannini and Vanuccini in Florence, Italy, and of Sbriglia, Paris, France. Student in Theory of Monti of the Milan Conservatory, Italy. Director of private conservatories in Florence, Italy, Washington, D. C., and Redlands, Cal.

University of Redlands, 1909—.

# UNIVERSITY OF REDLANDS

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EDWARD C. HOPKINS, *Instructor of Piano, Organ, Theory and Harmony.*

Student of H. J. Stewart, Mus. Doc., and Mme. Leonil Brandt, of San Francisco.

University of Redlands, 1909—.

F. B. GUNTHER, *Instructor of Violin and Orchestra Leader.*

Mr. Gunther studied for ten years in New York and other American cities. Student of Krauss. Private studio, Redlands, Cal.

University of Redlands, 1910—.

PAULINE STILES, M. B., *Assistant in Voice, Preparatory.*

M. B., University of Redlands, 1911 .

University of Redlands, 1911—.

E. MAY RAUGHT, *Assistant in Piano, Preparatory.*

IDA SCHULER KNIGHTS, *Instructor in Art.*

Art Student League, New York. Drexel Institute, Philadelphia.

Instructor in Art, Shurtleff College, 1906-09.

University of Redlands, 1909—.

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ROBERT L. GLOVER, *Director of Athletics.*

Pupil of L. J. Shantz. Student, Harvard University Summer School, 1909.

Physical Director, Y. M. C. A., Redlands, Cal., 1907-1910.

University of Redlands, 1910—.

MRS. JESSIE B. DOAN, *Matron of Bekins Hall.*



# UNIVERSITY OF REDLANDS

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## LECTURES—1911-12

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The University of Redlands is to be favored with chapel addresses during the year by the distinguished men whose names appear below, subjects and exact dates to be determined later:

Hon. A. J. Wallace, Lieutenant Governor of California.

Rev. Matt Hughes, D. D., LL D., Pastor First Methodist Church, Pasadena, Cal.

D. K. Edwards, Vice-President American Baptist Home Missionary Society, Los Angeles, Cal.

Rev. W. H. Geistweit, D. D., Pastor First Baptist Church, San Diego, Cal.

Alfred P. Griffith, Ex-President Southern California Convention, Azusa, Cal.

Rev. Cassius M. Carter, D. D., Pastor First Baptist Church, Los Angeles, Cal.

Rev. J. Whitcomb Brougner, D. D., Pastor Temple Baptist Church, Los Angeles, Cal.

Rev. W. F. Harper, Pastor First Baptist Church, Pomona, Cal.

J. W. Curtis, Esq., Secretary of Board of Trustees of the University of Redlands, San Bernardino, Cal.

Rev. J. Lewis Smith, D. D., Pastor Tremont Baptist Church, Pasadena, Cal.

Frederick C. Hornby, Esq., Redlands, Cal.

Mattison B. Jones, Esq., President of the Board of Trustees of the University of Redlands and President of Baptist Convention of Southern California, Los Angeles, Cal.

Other speakers will be secured as opportunity offers.

# UNIVERSITY OF REDLANDS

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## STANDING COMMITTEES

1911-12

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Discipline—	Field, Duke, Wise.
Publications—	Collins, Jones, Kyle.
Library—	Knights, Wise, Duke.
Schedule—	Jones, Collins, Hill,
Museum—	Robertson.
Student Literary Activities—	Knights, Hill, Collins.
Prizes—	Kyle, Knights,
*Grounds—	Collins, Robertson.
Athletics—	Jones, Kyle, Glover.
Dormitories—	Mrs. Field, Duke, Wise.

\*In conjunction with a committee of the Board of Trustees.

## Events of the Past Year

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The following are the important events which have occurred during the past year:

### Commencement Week

June 12th, Sunday—Baccalaureate Sermon by President Jasper Newton Field, D. D., 11 a. m.  
Vesper Service, 4 p. m. Address by Rev. Alonzo M. Petty. "As Goes America So Goes the World."

June 13th, Monday—Students' Annual Zanjafest, 7:30 to 10 p. m.

June 15th, Wednesday, 10:30 a. m.—Class Day exercises of the first Graduating Class, each member of the class of three delivering orations.  
8 p. m., President's Reception.

June 16th, Thursday, Commencement Day—The principal features of Commencement Day were as follows: 10:30 a. m., Address, "Efficiency," Rev. Geo. E. Burlingame, D. D., Pastor of the First Baptist Church, San Francisco.

Address to the Graduating Class by President Jasper Newton Field, D. D., followed by the conferring of the degrees of Bachelor of Arts on Miss Lois Edith Field; Bachelor of Philosophy on Mr. John William Jones and Mr. Ralph Reeves Rice, respectively.

The honorary degree of Doctor of Divinity was conferred upon Rev. Alonzo M. Petty of Los Angeles, Cal.

1 p. m., the first annual College Dinner was celebrated at the Casa Loma Hotel.

# UNIVERSITY OF REDLANDS

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- September 21st—Opening day of the second year of the University of Redlands. Address by Dr. H. Russell Greaves.
- September 22nd—Bekins Hall was formally dedicated 1:30 p. m.
- September 22nd—The corner stone of the President's Home was laid with appropriate ceremonies, 3 p. m.
- November 17th—The delegates to the Santa Ana Baptist Convention which met at Redlands visited the University in a body and were present at the daily Chapel exercises.
- October 12th—A College branch of the Young Men's Christian Association was organized with a charter membership of 28.
- January 17th, 1911—A College branch of the Young Women's Christian Association was organized and at this date has a membership of 25.
- February 13th—The Athletic Association of the University of Redlands formally adopted a constitution and became a real organization.



# University of Redlands

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## HISTORICAL

On the seventh day of December, 1906, the Baptists of Southern California, in Convention assembled in Berean Hall, Los Angeles, resolved to found and foster a high-grade, first-class Christian college. A committee of twenty-one representative men was appointed with power to act. To the satisfaction of the whole denomination the citizens of Redlands made an offer of \$100,000 and forty acres of land for the location of the school in their city, on condition that the Baptists of Southern California raise at least \$200,000 additional. The proposition was accepted and plans were immediately made for the State canvass. Under the leadership of Doctor Jasper Newton Field, then pastor of the First Baptist Church of Redlands, the canvass was begun on September 1st, 1907. At the convention held in Los Angeles in January, 1909, the assured success of the movement was announced and it was resolved that the canvass be continued until an additional \$200,000 was raised, giving the institution a total asset of \$500,000. This convention also instructed the Board of Trustees to choose Doctor Field as President of the new institution. This was formally done at the first regular meeting thereafter.

To the forty acres given by Redlands for a campus has since been added twenty-three acres, including the beautiful University Hill, now occupied by the Administration Building and the President's residence.

With the beginning of the first building the work of actualizing the institution may be said to have commenced. On September 29th, 1909, less than three years from the

# UNIVERSITY OF REDLANDS

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time of the inception of the movement, the institution threw open its doors to the public.

The University of Redlands was incorporated under that title in 1907. The movement was so full of promise for the future that the Trustees dared to call the institution a university, with the determination to make it such in the fullest sense of the word.

## LOCATION

Redlands, the home of the University, is a beautiful city of nearly 11,000 inhabitants, situated sixty-six miles east of Los Angeles, in the heart of the best orange growing district in the world, and close to the eternal mountains, whose massive strength gives courage, whose grandeur gives inspiration, whose repose gives rest. The city is located at an altitude of about 1400 feet, which gives it as nearly an ideal climate as it is possible to find, sometimes touching the frost point in winter, warm in summer; but, even in the warmest summer months, always having cool and restful nights.

Flowers blossom all the year round and the finest fruits are always in season. The class of people who have made Redlands what it is, coming from all parts of the country, is thoroughly cosmopolitan and is closely in touch with the latest thought and endeavor of the world. Redlands is a church-going city, and with this sentiment thus dominant there is no saloon within her borders. In short, Redlands is a city of high moral tone and culture, justly deserving the name that has been given to it, "The Athens of Southern California." Ten trains a day connect Redlands with Los Angeles and other nearby towns, the trip to Los Angeles taking about two and one-half hours, through the orange groves and vineyards of the garden spot of the United States. Redlands can be reached directly via either the

# UNIVERSITY OF REDLANDS

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Southern Pacific or the Santa Fe railroads. It is also reached by the Salt Lake Route through San Bernardino and Interurban to Redlands.

The location at this place of an institution of higher learning, such as the University of Redlands, presents unusual opportunities for an ideal home life to parents desiring to have their children live at home while pursuing a college course.

## CAMPUS.

In a beautiful valley under the shadow of the "Everlasting Hills" the campus of the University of Redlands surely has an inspiring setting. Its sixty-three acres, under the skill of a landscape architect, aided by a beneficent climate, will in a short period become a spot of rare beauty. A special and, to many, a unique feature of the Campus, is a regularly laid out and fruit bearing orange grove of 1500 trees, covering every slope of University Hill. With stately architecture to grace its green sward, winding drives, glowing flowers, and wrapt in the indefinable atmosphere which adds so much romance and charm to our Western land, the place itself will surely inspire with the highest ideals the sons and daughters who will throng its halls of learning.

## THE BUILDINGS

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### ADMINISTRATION

The main structure of the whole University scheme, the Administration Building, was completed in 1910. It is massive and monumental in character, a pure example of classic architecture, of the Ionic order. The exterior is faced with gray granite and with its massive columns and red tile



# UNIVERSITY OF REDLANDS

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roof harmonizes admirably with its majestic setting of mountain and valley.

While designed primarily as an administration building (containing the President's suite and offices of the Dean, Registrar and Treasurer), it is at present accommodating the recitation and laboratory work, embracing some sixteen recitation rooms, chemical and physical laboratories, lecture rooms, society halls, locker rooms, etc. The entire equipment is of the highest order, especial attention being paid to the ventilation and sanitary requirements.

## BEKINS HALL

Bekins Hall, the gift of Mr. and Mrs. Martin Bekins of Los Angeles, was completed and occupied in October, 1910. The building is classic in architecture and absolutely fire proof in construction. It contains rooms for the accommodation of fifty young women besides parlors, dining hall and kitchen, and a specially equipped laundry. Many of the rooms are connected with private baths. Ample verandas and a roof garden foster outdoor life.

It is so arranged and situated as to easily become a social center besides providing those comforts and conveniences not usually found in dormitory life.

## REAVIS HALL

Reavis Hall is named in honor of Benjamin H. Reavis of Orange, Cal., whose generous gifts to the University have more than justified the naming of the young men's dormitory. The hall is a pleasant home-like structure, located in the borders of a beautiful orange grove and will accommodate sixteen students.



# UNIVERSITY OF REDLANDS

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## PRESIDENT'S HOME

To the east of the Administration Building and forming the second of the group of three, proposed for University Hill, stands the new home of the President. This beautiful structure is largely the gift of Mrs. Julia A. Libby of Santa Ana, and harmonizes with the classical design of the other buildings of the campus.

## GYMNASIUM

At the northeast corner of the Athletic Field stands the new gymnasium with a floor space 60 by 40 feet and containing apparatus and facilities for all indoor exercises and sports for both men and women.

## FINE ARTS BUILDING

The Baptists and their friends in Arizona have set about the task of raising \$30,000 for the erection of a building for the College of Fine Arts, to contain also an assembly hall for meetings. This building will conform in style and dignity with the whole scheme, and with the Administration Building and the President's Home, already erected, will complete the group on University Hill.

## ORGANIZATIONS

---

### Associated Student Body

The Associated Student Body is composed of all the students matriculated in the various colleges of the University and the Academy. Its officers are chosen by the student body from their own number. Regular meetings are held each month to deal with matters of general interest to all students.

# UNIVERSITY OF REDLANDS

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## **Athletic Association**

A thoroughly organized and live Athletic Association to which every student is expected to belong has just been perfected. This organization has already presented athletic "R's" to the football team.

## **SOCIETIES AND CLUBS**

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### **Pi Kappa Chi**

Early in the second semester of last year the young ladies of the University organized the Pi Kappa Chi society for literary and social development. Meetings are held on alternate Thursday afternoons. This society is proving of great pleasure and profit to its members.

### **Debating Council**

For the purpose of acquiring practice and skill in debating and oratory a large body of the young men organized the Debating Council. Intercollegiate debaters and oratorical contestants are chosen from this society.

### **Christian Associations**

Branches of the College Departments of the Young Men's Christian Association and the Young Women's Christian Association are doing active and effective work. Each association holds a weekly prayer meeting. Representatives from the societies are sent to the Bible and General Conferences for Colleges. The good effect of these Christian organizations is very marked in the life of the student body. Every encouragement and assistance is given these organizations by the faculty.

# UNIVERSITY OF REDLANDS

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## **The Choral Union**

The Choral Union is composed of those of the student body who are musically inclined. The union is under the direction of Senor Don Jose Rodrigues and is designed to give drill in general chorus work and, by means of talks and lectures, to give the members a knowledge of the historical and cultural value of music.

## **Spanish Club**

Early in the present year the Spanish Club was organized by the students in that subject. The club has met each week at the home of Professor Hill or with one of the students. The object is to acquire a more perfect conversational knowledge of the language.

## **German Club**

In February, 1910, the German Club was organized under the direction of Professor Hill. The club meets informally fortnightly, at Bekins Hall or with some member. The club chooses its own officers and has as one of its regulations, "no language but German for one hour." Besides the social feature the benefits of the club are seen in a better pronunciation and understanding of the German language.

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## **COLLEGE PUBLICATIONS**

Beginning with this issue the University of Redlands has planned to publish a quarterly bulletin one of which will be the annual catalogue. The other three will be devoted to special studies and reports of officers and other matters of importance.



# UNIVERSITY OF REDLANDS

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## Student Publications

The Spectrum is a monthly magazine published by the Associated Student Body through an elected staff. Although this publication has at this time reached volume one, number five, yet the favorable comment of exchange and critic awards it a high place among the college publications of the Pacific Coast.

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## Colors

The official colors of the University of Redlands are Maroon and Silver Gray.

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## PHYSICAL EDUCATION

Recognizing the value of physical culture and general athletic work, much attention has been given to a suitably equipped gymnasium and athletic field.

The gymnasium is furnished with modern apparatus of the newest and most approved design. It is open to both men and women who have separate lockers and baths and use the building at different periods during the day.

The course consists of calisthenics, light gymnastics, Swedish and German gymnastics, gymnastic games, heavy gymnastics, athletic games and track and field athletics. In calisthenics special attention is paid to simple, rhythmic movements for the cultivation of grace in form and bearing. Exercises executed with light portable pieces of apparatus, such as wands, dumb-bells and Indian clubs, give opportunity for suitable work in light gymnastics. Such forms of exercise together with gymnastic games, such as basketball, hand ball, volley ball and center ball give opportunity for all those who are not fitted for the more violent work. Heavy gymnastics are especially valuable in the cultivation



# UNIVERSITY OF REDLANDS

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of physical carriage, self-possession, quick sense of perception and a rapid and responsive exercise of judgment. Many of these exercises, somewhat modified, may be practiced by the women. The usual forms employed are vaulting horse, vaulting buck, high parallels, horizontal bar, long horse, parallel bars, vaulting bar, flying rings, tumbling and mat exercise. Boxing has been given this past semester and similar forms of physical training such as fencing, wrestling, etc., can be had at any time if there are a sufficient number wishing to take the work.

Freshmen and Sophomore students are required to take two hours per week of either gymnastics or athletics.

## Athletics

Athletics occupy the usual important place in the schedule and the organized football, basketball and baseball teams have done very creditable work this past year. Reinforced by good material we expect soon to take an equal stand among the colleges of the southland.



**College of Liberal Arts**





College of Liberal Arts

ADMISSION

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Every student, unless he brings a certificate of proficiency from an accredited school, shall before entering any class in the collegiate department, be examined upon the following subjects required for entrance:

FIXED ENTRANCE REQUIREMENTS

LEADING TO A. B. COURSE.

English .....	2	units
Mathematics .....	2½	units
History.....	1	unit
Physics or Chemistry .....	1	unit
Latin .....	4	units
Greek .....	2	units
Elective.....	2½	units
<hr/>		
Total .....	15	units

LEADING TO PH. B. COURSE.

English .....	2	units
Mathematics .....	2	units
History.....	1	unit
Physics or Chemistry .....	1	unit
Foreign Languages .....	2	units
Elective.....	7	units
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Total .....	15	units

# UNIVERSITY OF REDLANDS

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## LEADING TO B. S. COURSE.

English.....	2	units
Mathematics.....	2½	units
History.....	1	unit
Physics.....	1	unit
Chemistry.....	1	unit
Foreign Languages.....	4	units
Other Sciences.....	1	unit
Elective.....	2½	units
<hr/>		
Total.....	15	units

In the list of subjects enumerated above the term unit is employed to signify the amount of preparatory work done in a given subject during a school year, the class meeting at least four hours of sixty minutes each per week.

## ADMISSION BY CERTIFICATE

Graduates of approved high schools or academies will be given credit for any of the subjects listed below in which they are recommended. Blanks for such recommendation will be furnished on application to the Registrar and it is expected that all applicants for admission, without examination, will use them.

In the list of admission subjects enumerated below the term unit is understood to represent five recitations per week of forty-five minutes each, or four recitations per week of sixty minutes each throughout one school year. A detailed description of the essential subjects here named will be found on the pages following.

1. English, Elementary.....	2	units
2. English, Advanced, (Third Year).....	1	unit
3. English, Advanced, (Fourth Year)....	1	unit
4. Algebra, Elementary.....	1	unit
5. Algebra, Advanced.....	½	unit
6. Plane Geometry.....	1	unit

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7. Solid Geometry.....	1/2	unit
8. Plane Trigonometry.....	1/2	unit
9. Ancient History.....	1	unit
10. Mediaeval and Modern History.....	1	unit
11. English History.....	1	unit
12. History and Gov't of U. S.....	1	unit
13. Economics .....	1/2-1	unit
14. Latin, Elementary and Caesar.....	2	units
15. Cicero and Latin Composition.....	1	unit
16. Vergil and Latin Composition.....	1	unit
17. Greek, Elementary and Xenophon....	2	units
18. Homer and Greek Composition.....	1	unit
19. German, Elementary .....	2	units
20. German, Intermediate .....	1	unit
21. German, Advanced .....	1	unit
22. French, Elementary.....	2	units
23. French, Intermediate.....	1	unit
24. French, Advanced.....	1	unit
25. Spanish.....	2	units
26. Physics .....	1	unit
27. Chemistry.....	1	unit
28. Botany .....	1	unit
29. Zoology .....	1	unit
30. Physiology .....	1	unit
31. Physical Geography.....	1	unit
32. General Science.....	1	unit
33. Free-hand Drawing.....	1	unit
34. Geometrical Drawing.....	1	unit
35. Industrial Arts.....	1/2	unit
36. Agriculture .....	1/2-1	unit
37. Music.....	1/2-1	unit

Half units will be accepted only when presented in addition to a whole unit in the same subject or in closely allied subjects, such as economics and history.

One year of a foreign language will not be accepted until supplemented by an additional year of the same language in the Academy of the University of Redlands.

Students who can present thirteen units in the subjects

# UNIVERSITY OF REDLANDS

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required for entrance for any degree will be classified conditionally as Freshmen. But no student will be advanced to Junior standing until all entrance subjects and all the requirements of the Freshmen and Sophomore years are completely fulfilled.

## ENGLISH

It is expected that every student will have a knowledge of English grammar and the elements of rhetoric and be able to write correct English.

## REQUIREMENTS FOR STUDY

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and the *Passing of Arthur*; Burke's *Speech on Conciliation with America*; or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*; or Carlyle's *Essay on Burns*.

## REQUIRED FOR READING

### Group 1 (two books to be selected)

Shakespeare's *As You Like It*, *Henry V*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*.

### Group 2 (one book to be selected)

Bacon's *Essays*; Bunyan's *The Pilgrim's Progress*, Part I; The Sir Roger de Coverley Papers in "*The Spectator*"; Franklin's *Autobiography*.

### Group 3 (one book to be selected)

Chaucer's *Prologue*; Spencer's *Selections from The Faerie Queene*; Pope's *The Rape of the Lock*; Goldsmith's, *The Deserted Village*; Palgrave's *Golden Treasury* (First Series) Books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns.



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## Group 4 (two books to be selected)

Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*, *Quentin Durward*; Hawthorne's *The House of the Seven Gables*; Thackeray's *Henry Esmond*; Gaskell, *Cranford*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

## Group 5 (two books to be selected)

Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc and the English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

## Group 6 (two books to be selected)

Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa and the Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book VI, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Pheidippides*.

## AMERICAN HISTORY AND CIVIL GOVERNMENT

A knowledge of the leading facts in American history and a practical familiarity with the main topics in the constitutional and political organization. Channing's *Students' History of the United States*; McLaughlin's *History of the American Nation*; Hart's *Essentials in*

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American History, or equivalent. For civil government, Ashley's American Government, or equivalent.  
One unit.

## MATHEMATICS

In Elementary Algebra an equivalent of four recitations of sixty minutes each, throughout one school year is necessary for entrance to the Academy of the University. In addition to the presupposed Elementary Algebra, Mathematics A and B are required for entrance to the Freshman Class. Mathematics C and E are required for entrance of those who are candidates for the A. B. or B. S. degree. Mathematics D and F, although elective, are highly recommended to those students who contemplate continuing their scholastic training. In these courses special effort will be made to prepare the student to carry, in a manner very satisfactory to himself, the work of the Freshman and higher years. Special emphasis will be laid upon the correlation of Algebra and Geometry. Algebraic problems with a geometrical application will be solved and geometrical theorems will be demonstrated by the use of Algebraic principles.

## LATIN—ELEMENTARY

Moulton's Introductory Latin, or the equivalent, with outside reading.

One unit.

CÆSAR, Gallic War, Books I-IV, with review of grammatical forms and syntax and Latin composition.

One unit.

CICERO, seven orations, or six orations and twelve letters. Weekly exercises in Latin composition. Daily practice in reading Latin to secure fluency and expression. Special studies on the life and times of Cicero.

One unit.

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VERGIL, Aeneid, Books I-VI.

Exercises in metrical reading of the text, systematic study of Vergil's spirit, style and grammatical idioms.

One unit

## GREEK—ELEMENTARY

Drill in pronunciation, inflection, syntax and composition with elementary book. Reading in Anabasis of Xenophon. One unit.

XENOPHON—Anabasis—Books I-IV

Translation and constant reading of the Greek. Review of forms and syntax. Recomposition of text, sight reading in Greek New Testament. One unit.

Note:—For the years 1910-12 the courses in Elementary Greek and Xenophon, if taken in this institution, will receive college credit as electives at the rate of three hours per semester.

## FRENCH—ELEMENTARY

Special attention to reading and pronunciation. Fraser and Squair's French Grammar and such readings as *Le Voyage de M. Perrichon*, *La Mare au Diable*, *La Mere Michel et Son Chat*. One unit.

### INTERMEDIATE

Rapid review of grammar. Much attention paid to the ability to speak with correct accent. Rapid reading of plays and short stories of such writers as Hugo and Dumas. One unit.

## GERMAN—ELEMENTARY

Grammar and composition, reading of easy texts; Joyners-Meissner's German Grammar with *Altes und Neues*, *Der Process*, *Nein*.

### INTERMEDIATE

Composition and conversation. Reading of Schiller, Lessing and Goethe. One unit.



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## CHEMISTRY—ELEMENTARY

Recitation and laboratory course in Chemistry, which is a foundation for higher courses in this department. The laboratory notebook is required for credit. One unit.

## PHYSICS—ELEMENTARY

Recitation and laboratory course which is a prerequisite for the subsequent courses in Physics. The laboratory notebook is required for credit. One unit.

## ADVANCED STANDING

If a student applying for entrance to the University can present more than the fifteen units required he may be granted advanced standing in the extra studies presented, upon the recommendation of the head of the department in which such advanced credits are sought, the head of the department reserving the right to examine the applicant before making the recommendation.

Credit without examinations for work done in other institutions will be granted only upon receipt of a satisfactory certificate mailed to the Registrar of the University by the proper official of the institution in which the work was done.

A student from another institution of equal scholastic rank may be admitted to advanced standing in the University upon presentation to the committee having charge of credits satisfactory evidence of having completed the work claimed, together with a certificate of honorable dismissal.

Students failing to satisfy any of the above requirements for admission may be received as "conditioned," but such conditions must be removed before said students are admitted to the Junior Class.



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## MATRICULATION AND REGISTRATION

On or before the designated registration days in September and February, each student must obtain from the Registrar a study card upon which the student, after conferring with the Registrar, shall indicate the courses selected for the semester. The Registrar will then issue to the student a statement of the regular and special fees for such courses. The student must present his study card to each professor, under whom he expects to take work, for enrollment and secure the instructor's signature to the same. The card must be filed with the Registrar within one week after the designated registration day. Late filing of a study card must be accompanied by a special fee of one dollar. Students are urged to register on the designated registration days. Absences from classes are counted from the day on which instruction begins, and these absences incur the penalties stated elsewhere in the catalogue.

## GENERAL REQUIREMENTS AND REGULATIONS

Candidates for degrees will be required to recognize the sequence of courses in selecting their work, unless excused by the Faculty.

Persons not candidates for any degree may be admitted to the University as special students, provided they be of mature age and give to the Faculty satisfactory evidence that they are properly qualified to do work creditably and with profit.

Special students may select their studies without reference to the sequence of courses, but otherwise be subject to the general regulations governing the student body. Such students may at any time become candidates for degrees by conforming to the regular entrance requirements.

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No student who has registered for regular work can change his status to that of a special without permission of the Faculty.

No student will be permitted to drop a study later than two weeks after the beginning of the semester without the consent of the Faculty.

A student absenting himself from more than one-fifth of the recitations in any subject during a given semester shall be barred from examination and credit in said subject unless excused by the Faculty.

A student having three unexcused absences in any one subject is debarred from all college work until he has made satisfactory arrangements with the instructor under whom the absences were made. Two unexcused tardinesses are counted as one absence.

A student receiving a "condition," that is, a grade between 49% and 59%, in any course, may not receive credit in that course until he shall have passed another examination to the satisfaction of the instructor. Such examination must be taken before the close of the semester first following that in which the condition was received. Otherwise the student shall be required to take the course again in regular manner when next presented.

A student withdrawing from the University before the work of any semester has been completed shall thereby forfeit all credits for that semester; but at the discretion of the instructor such student, upon returning to college, may resume a subject at the point dropped and carry it to completion.

The regular work of the student calls for fifteen hours in the class room each week. Without special permission of the Faculty no student shall take less than twelve hours nor more than eighteen.

# UNIVERSITY OF REDLANDS

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Each student must take a final examination before receiving credit in any course, except that in the second semester a student ready to receive a degree or diploma shall not be required to take an examination in those courses in which his daily grade for that semester is 90% or above.

## HONORS

Honors, as follows, will be awarded at graduation for excellence in scholarship:

“Honorable Mention” will be made of those students whose work for the entire course, just completed, whether in Academy or College of Liberal Arts, averages “A,” and who have not fallen below the grade of “B” in any study.

“Special Honors” will be awarded for specific work in certain selected departments of study. To enroll for special honors, the student shall be required to have secured an average rank of “A” in the Freshman and Sophomore years, and his rank must be “B” or above in every subject. Application for enrollment for special honors must be made to the Faculty before the second semester of the Junior year, and no student’s application shall be considered unless he is regularly classified and has taken regular work from the time of his matriculation or has made satisfactory arrangements concerning any irregularities. When the application is granted, the Professor in charge of the Department chosen shall assign special work to the student, substantially equal to one three-hour study for a complete college year. The student shall begin such work not earlier than March 15th of the Junior year, and it must be completed by March 15th of the Senior year. During the period in which the student is working for special honors his grades in the chosen department must not fall below “A” rank, and in no department must they be less than “B” rank. Work done for



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honors must be advanced in character, and it must always be accompanied by the regular work in that department. That assigned by the Professor may be chosen from advanced elective courses included in the University catalogue, or it may consist of special work outlined for the individual student. In no case, however, shall work done for special honors be permitted to apply toward the credits necessary for regular graduation.

Upon the completion of the special honor work a special examination shall be given in it and also in all the courses of that department which the student has taken. This examination shall be conducted by the Professor in charge, assisted by some other member of the Faculty chosen by the President of the University.

Students receiving honorable mention or special honors shall have their names enrolled upon the University records as having won such honors, and the fact shall be noted upon their diplomas, announced upon Commencement Day and published in the next annual catalogue.

## PRIZES

Several prizes have been offered by friends of the University for excellence in literary work during the year 1910-11.

For the best oration delivered by a student at the exercises commemorating Washington's Birthday, a gold medal is offered by the President of the Board of Trustees of the University, Mr. Mattison B. Jones of Los Angeles.

For the best poem appearing in The Spectrum a prize of \$20, by Mrs. N. W. Stowell of Pasadena.

For the best criticism or discussion of some question of the day, published in The Spectrum, a prize of \$20, by Prof. A. V. Thresher of Riverside.

For the best story appearing in The Spectrum a prize of \$15, by a friend in Cincinnati, Ohio.



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## SCHOLARSHIPS

A number of scholarships, as indicated below, have been endowed by friends of the University, the income derived from such funds being devoted to defraying the tuition fees of those students to whom the scholarships are awarded. Particulars regarding scholarships may be obtained by addressing the President of the University.

The following is a list of the names of those who have contributed \$1500.00 each for the purpose of endowing perpetual scholarships:

J. C. Avakian  
Arthur H. Bailey  
C. H. Barker  
Mary E. Barton  
Mrs. Martin Bekins  
Rev. J. F. Childs  
Mr. and Mrs. A. Harvey Collins  
Mrs. M. Thompson Cornwell  
(To be known as the Thompson Scholarship)  
R. H. McCray  
W. C. Crowell  
D. K. Edwards  
Sarah R. Emerson  
President and Mrs. J. N. Field  
F. A. Garretson  
V. A. Gleason  
Mr. and Mrs. Alonzo Gordon  
Rev. and Mrs. Alexander Grant  
Rev. and Mrs. A. P. Graves (2)  
J. Brent Harding  
Mattison B. Jones  
Norman F. Marsh  
Mr. and Mrs. J. H. Merriam  
B. H. Reavis  
Ira J. H. Sykes  
Walberg Brothers.  
James W. Walker  
W. F. Wood

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## STUDENT HELP

A regular bureau will be maintained to assist students who desire work to defray a part of their expenses. Inquiries regarding this matter should be addressed to the President of the University.

## DORMITORIES, ROOMS AND BOARD

In the Bekins Hall for women and the Reavis Hall for men accommodation is provided for a limited number of students. A thoroughly competent matron in charge of the dormitory for women and an instructor residing in that for men give assurance of adequate control. In both the Halls it will be the purpose of the administration to approximate the home life as closely as possible.

Students unable to secure accommodations in the Halls or desirous of securing rooms and board elsewhere, may obtain from the Registrar a list of approved locations. Students will be permitted to room only in places approved by the Faculty.

For cost of rooms and board see Expenses.

## EXPENSES

It is believed that the expenses at this institution are as low as is consistent with the high character of the work done. The following schedule will serve to indicate the principal items:

Tuition per semester, payable in advance:

College of Liberal Arts.....\$50.00

Academy..... 37.50

Matriculation Fee:

College of Liberal Arts, and Fine Arts.....\$ 5.00

Academy..... 3.00

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Laboratory Fees:

Chemistry—

College Chemistry, for each course, per semester.....\$ 8.00

Academy Chemistry, for each course, per semester..... 5.00

A deposit of five dollars (\$5.00) is required in Chemistry to cover breakage. This deposit, less cost of breakage, is refunded at the end of the year.

Physics—

College Physics, for each course, per semester.....\$ 5.00

Academy Physics, for each course, per semester..... 3.00

No breakage deposit is required in Physics, but an account is kept of all breakages and a charge is made therefor.

Students preparing for the ministry and children of ministers and missionaries will be granted a discount of 50 per cent in tuition fees for regular work in the Academy and the College of Liberal Arts.

Special attention is called to the fact that the charge for tuition includes gymnasium, library, graduation and all incidental fees other than the matriculation fee and those connected with laboratory work.

No student may attend classes for more than one week without having made satisfactory arrangement concerning all moneys due the University.

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## COLLEGE OF FINE ARTS

### MUSIC

Voice, (special) two periods a week.....	\$98.00
Voice, two periods a week.....	64.00
Piano, (preliminary and intermediate) two periods a week .....	42.00
Piano, (special) two periods a week.....	64.00
Organ, two periods a week.....	64.00
Violin, two periods a week.....	42.00
Violin, one period a week.....	22.00
Harmony, one period a week.....	18.00
History of Music, one period a week.....	18.00
Italian, four periods a week.....	16.67
French, three or four periods a week.....	16.67
German, three or four periods a week.....	16.67
Moral Philosophy, three periods a week.....	16.67
Psychology, four periods a week.....	16.67

The above schedule of tuition is for the work of a semester of eighteen weeks in each case. The work in voice, piano, organ and violin, which is individual, may by special arrangement be begun at any time.

### COLLEGE CREDIT

Credit will be given in the College of Liberal Arts for the work in History of Music, and Choral Society.

### ART

Regular Course, per semester.....	\$40.00
Two class lessons in any one branch, five hours a week, per semester.....	30.00
One class lesson, in any one branch, two hours a week, per semester.....	15.00



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## DORMITORY EXPENSES

The larger number of the dormitory rooms are arranged for two in a room, being furnished with two beds and in some of the rooms two closets.

The beds are single and provided with mattresses 6 ft. 2 in., by 3 ft., and pillows 23 by 30 inches.

Each student is expected to furnish bed clothing, four sheets and four pillow cases of proper sizes, also both hand and bath towels.

Rooms and Board at the Dormitories:

Two in a room, per month.....\$27 each

Two in room, with private bath, per month, \$30 each

When paid by the semester in advance \$105 and \$115 respectively. Of this sum \$20 per month is reckoned for the board and the balance as room rental. In case a student desires to room alone in one of the double rooms, a half more will be added to the room rental.

The necessary expenses, including room, board, tuition, books and laundry, will average about \$350 or \$375 for the year.

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## LIBRARY

The library of almost 2000 volumes and several hundred unbound pamphlets, contains especially well selected works on History, English and Modern Languages.

Many valuable books and sets have been given by generous friends of the University.

Moreover, through the courtesy of the A. K. Smiley Public Library of Redlands, with 22,000 volumes, the University Library is a depositary, throughout the college year, for such books as the different departments may from time to time require.

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## REQUIREMENTS FOR GRADUATION

No student shall be permitted to graduate from the University who has not credit for at least 120 units and who has not taken at least one year of regular work at the University.

The required work leading to the different degrees is as follows:

### BACHELOR OF ARTS

English.....	12 hours
Mathematics.....	6 hours
History .....	10 hours
Economics.....	3 hours
Philosophy.....	9 hours
Modern Languages.....	6 hours
Science.....	8 hours
Ancient Languages.....	18 hours
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Total required.....	72 hours
Electives.....	48 hours
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Total.....	120 hours

### BACHELOR OF PHILOSOPHY

English.....	12 hours
History .....	6 hours
Economics.....	3 hours
Philosophy.....	9 hours
Foreign Languages.....	6 hours
Science.....	4 hours
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Total required.....	40 hours
Electives.....	80 hours
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Total.....	120 hours

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BACHELOR OF SCIENCE

English.....	9 hours
Mathematics.....	12 hours
History .....	6 hours
Economics.....	3 hours
Philosophy.....	9 hours
Modern Languages.....	12 hours
Physics.....	8 hours
Chemistry .....	8 hours
Other Science.....	6 hours
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Total required.....	73 hours
Electives.....	47 hours
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Total.....	120 hours

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## GRADUATE WORK

The secondary degrees of A. M. and M. S. will be awarded for one year's residence work in addition to that required for the degrees of A. B., Ph. B. or B. S. Candidates for the Master's degree shall select a major department in which he must do two-thirds of his work under the direction of the professor in charge of that department. The remaining one-third of the work required shall be taken in some other department or in not more than two others. Upon the completion of the year's study the candidate must pass an examination upon the subjects taken, such examination to be written, or written and oral, conducted by the instructors in the departments in which the candidate has taken his work and a visiting professor chosen from some other department by the President.

In addition to the residence work and the examination, as above indicated, the candidate shall prepare a thesis representing the results of original investigation on some subject suggested by the professor in charge of the major department. This thesis must show independent investigation and be clothed in such language as will demonstrate the candidate's ability to properly handle such material.



## Departments of Instruction

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### MORAL PHILOSOPHY

*President J. N. Field, Professor*

#### I. CHRISTIAN EVIDENCES

In dealing with Christianity as the fundamental postulate in a philosophy of life, the student is introduced to the basic elements in our faith. Outside readings and lectures give opportunity for dealing with difficulties which may arise in the mind of the student.

Required of Freshmen.

Two hours per week, first semester.

#### IV. ETHICS

The course is designed to give the student an opportunity to familiarize himself with the principles of ethical science. A study is made of the origins and guides of action and the principles of morals.

Required of Seniors.

Three hours per week, second semester.

### PHILOSOPHY AND SOCIAL SCIENCE

*Herbert E. Wise, Professor*

#### II. PSYCHOLOGY

This course is an introduction to the general field of psychology, dealing with the more fundamental processes, and supplemented by collateral reading and individual inquiry.

Required of Juniors.

Four hours per week, first semester.

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## III. LOGIC

The general principles of deductive and inductive logic are studied with the purpose of applying them, whenever possible, to practical problems.

Elective to Juniors and Seniors.

Three hours per week, second semester.

## V. HISTORY OF PHILOSOPHY

A study of the chief systems of thought, both ancient and modern. The text will be supplemented by special investigations.

Elective to Juniors and Seniors.

Four hours per week, first semester.

## SOCIOLOGY

### I. GENERAL SOCIOLOGY

A study of the general principles governing social organization with special reference to conditions as they exist in the United States.

Open to Juniors and Seniors, Elective.

Three hours per week, first semester.

## ECONOMICS

### I. ECONOMICS

An introductory course in Political Economy. Readings, reports and special studies to accompany work from text.

Required of Juniors.

Three hours per week, second semester.

## BIBLICAL STUDIES

*Herbert E. Wise, Instructor.*

I. A study of the Life of Christ. Effort will be made to

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familiarize the student with the most significant events in the life of Christ as related in the gospels. Stevens and Burton's "Harmony of the Gospels" will be used as a text book.

Elective to Freshmen and Sophomores.

Two hours per week, first semester.

- II. An Introduction to the books of the New Testament. Due consideration will be given to the characteristic features of the individual books and their mutual relations; special emphasis, however, will be given to the life and labors of the apostle Paul.

Elective for Freshmen and Sophomores.

Two hours per week, second semester.

- III. A study of the fundamental teachings of Christianity, with a view to their application to modern life.

Elective to Juniors and Seniors.

Two hours per week, first semester.

- IV. A study of select portions of the Old Testament, embracing its historical development, representative characters, prophetic messages and devotional literature.

Elective to Juniors and Seniors.

Two hours per week, second semester.

## HISTORY

*A. Harvey Collins, Professor.*

### I. GENERAL MEDIÆVAL

A survey of the leading events in European History from about 350 to 1500 A. D., with special reference to the development of the great institutions both of Church and State, following the work as outlined by

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Trenholme's Syllabus for the History of Western Europe. Text, lectures, papers and collateral readings. Text, Robinson's History of Western Europe, Vol. I.

Required of Sophomores.

Three hours per week, first semester.

## II. MODERN EUROPE

Continuation of History I. Schwill's Political History of Modern Europe is used as a text book, and, as in the preceding course, the text is supplemented by collateral reading and special reports.

Required of Sophomores.

Three hours per week, second semester.

## III. AMERICAN HISTORY

A study of early American history from 1492 to 1789 with an intensive study of the Critical Period. The work is based upon Thwaite's Colonies, Hart's Formation of the Union and Fisk's The Critical Period.

Required for graduation from A. B. course.

Two hours per week, first semester.

## IV. AMERICAN EXPANSION

Expansion of the American people along territorial, social and industrial lines. Based upon Sparks' The Expansion of the American People, with much collateral reading.

Required for graduation from A. B. course.

Two hours per week, second semester.

## V. HISTORY OF THE UNITED STATES

Political, social and institutional development of the United States 1789-1912. Lectures, reports, investigations and comparisons.



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Texts—Hart's Formation of the Union, Wilson's Division and Reunion, Burgess' Middle Period, and others.

Prerequisite, History III. Elective.

Three hours per week, first semester.

## VI. HISTORY OF THE UNITED STATES

Continuation of History V.

Three hours per week, second semester.

## VII. ENGLISH HISTORY

This course is planned so as to cover the principal features of English History in one year. Special attention will be paid to the constitutional phases and to England's colonial policy and expansion.

Prerequisite, History I and II. Elective.

Three hours per week, first semester.

Not offered 1911-12.

## VIII. ENGLISH HISTORY

Continuation of History VII.

Three hours per week, second semester.

Not offered 1911-12.

## IX. HISTORY OF THE PACIFIC SLOPE

A special lecture course from syllabus, together with investigations and reports.

Prerequisite, History III and IV. Elective.

One hour per week, first semester.

## X. HISTORY OF THE PACIFIC SLOPE

Continuation of History IX. Elective.

One hour per week, second semester.

## XI. THE REFORMATION

A detailed study of the Protestant Reformation. An attempt will be made to discover the causes leading to

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the movement and the immediate and ultimate results, as well as to trace the current of events.

Prerequisite, History I and II, or equivalent. Elective.  
Three hours per week, second semester.

## XII NINETEENTH CENTURY EUROPE

Beginning with the general peace secured by the Congress of Vienna this course will deal with the new political, social and international problems that characterized the nineteenth and the beginning of the twentieth centuries.

Prerequisite, History I and II. Elective.  
Three hours per week, second semester.

## XIII ENGLISH HISTORY

Social and Industrial History of England. Text supplemented by lectures, reports and collateral reading.

Prerequisite, History I and II or equivalent. Elective.  
Three hours per week, first semester.

## XIV INTERNATIONAL RELATIONS

This course is designed to familiarize the student with the leading principles of international law, special attention being given to some of the more important diplomatic questions that have presented themselves to our own statesmen.

Open to Juniors and Seniors. Elective.  
Three hours per week, second semester.

NOTE—Any elective course in history may be withdrawn if not elected by a sufficient number.

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## ENGLISH

*Geo. D. Knights, Professor*

### I. RHETORIC

In this course a text will be used that emphasizes the nicer discriminations in composition, writing of themes and much illustration from best prose writers.

Required of Freshmen.

Three hours per week, first semester.

### II. HISTORY OF AMERICAN LITERATURE

The development of American Literature from the earliest period will be studied. There will be considerable reading of the works of authors mentioned in the text book.

Required of Freshmen.

Three hours per week, second semester.

### III. HISTORY OF ENGLISH LITERATURE

The development of English literature will be rapidly traced. There will be required considerable reading in connection with the most important literary periods.

Required of Sophomores.

Three hours per week, first semester.

### IV. HISTORY OF ENGLISH LITERATURE

Continuation of English III.

Required of Sophomores.

Three hours per week, second semester.

### V. NINETEENTH CENTURY PROSE

The great prose writers, other than novelists, of this period will be studied.

Elective for Freshmen and Sophomores.

Three hours per week, first semester.

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## VI. ARGUMENTATION

This course will include the study of the principles of debate.

A text book will be used, and the principles acquired will be put into practice in the preparing of briefs, and in frequent class debates.

Elective for Freshmen and Sophomores.

Two hours per week, second semester.

## VII. ELIZABETHAN DRAMA

The history of the drama and its technique will be studied in connection with much reading of the great plays of the period.

Dramatists other than Shakespeare will be the chief subjects of study.

Elective for Juniors and Seniors.

Three hours per week, first semester.

## VIII VICTORIAN POETS

While Arnold, Rosetti, Swinburne and Morris will have some attention, the chief subjects for study will be Tennyson and Browning.

Elective for Juniors and Seniors.

Three hours per week, second semester.

## IX. THE ENGLISH NOVEL

The evolution of the English Novel will be noted. Much illustrative reading of the novelists will be required.

Elective for Juniors and Seniors.

Three hours per week, first semester.

## X. THE ROMANTIC MOVEMENT

This course will consist of studies in the poetry of Wordsworth, Shelley, Coleridge and Keats.

Elective for Juniors and Seniors.

Three hours per week, second semester.



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## XI. ANGLO-SAXON

A careful study of the Anglo-Saxon grammar with the reading of considerable Anglo-Saxon prose.

Elective for Sophomores and Juniors.

Three hours per week, first semester.

## XII MIDDLE ENGLISH

This will give opportunity for the reading of a great deal of the literature of this period. It is desirable that course XI should precede this course.

Elective for Sophomores and Juniors.

Three hours per week, second semester.

## PUBLIC SPEAKING

Once each semester Freshmen and Sophomores will prepare and deliver selections from best orations, or from dramatic prose or verse. Juniors and Seniors will write and deliver one oration each semester.

## ANCIENT LANGUAGES

*James W. Kyle, Professor*

A minimum of eighteen hours in Latin or Greek is required for the A. B. degree. These may be selected at pleasure from the following twelve courses. Elective for the Ph. B. and B. S.

### LATIN

#### I. CICERO: *De Senectute and De Amicitia*

Review of forms and syntax. Discussion of the life and thought of Cicero and the sources of his philosophy.

Three hours per week, first semester.

#### II. HORACE: *Selections from Odes, Satires and Epistles*

Will be read metrically to secure ease and fluency in the

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Latin. Parallel passages from Greek and English poets.  
Discussion of the spirit and art of Horace.  
Three hours per week, second semester.

- III. LIVY: *Selections from Books I, II, III, V, VIII*  
Lectures on the history of Rome. Discussion of the style and rhetorical methods of Livy.  
Three hours per week, first semester.

- IV. TACITUS: *Annals*  
Systematic study of the style of Tacitus. Comparison with Livy and Thucydides. Lectures on the life and times of Tacitus.  
Three hours per week, second semester.

- V. PLAUTUS: *Captivi, Trinummus and Rudens*; TERENCE: *Andria*  
Metrical reading. Lectures on Latin Comedy and the Greek Theatre.  
Three hours per week, first semester.

- VI. LUCRETIVS; *Catullus and Tibullus*; *Selections*  
Metrical reading, lectures and critical essays on the Latin poets.  
Three hours per week, second semester.

## GREEK

- I. LYSIAS: *Selected Orations*  
Exercises in recomposition of the text. Analysis of style of Lysias. Lectures on the Greek orators.  
Three hours per week, first semester.
- II. HOMER: *Iliad, Selections*  
Study of forms from text and from Sterrett's Dialect of Homer. Metrical reading of the Greek. Lectures on the Homeric Poems as literature.  
Three hours per week, second semester.

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## III. LUCIAN: *Selected Dialogues*

Exercises in recomposition. Required reading of other dialogues in translations. Lectures on the Greek rhetoricians.

Three hours per week, first semester.

## IV. PLATO: *Apology, Crito and Part of the Phaedo*

Discussion of the life and teachings of Socrates. Reading and reviews of the Gorgias, Symposium and Republic in Jowett's translation.

Three hours per week, second semester.

## V. EURIPIDES: *Iphigeneia in Tauris*; ARISTOPHANES: *Clouds*

Discussion of the plot and characters. Lectures on the Greek theatre. Study of the various metres and exercises in metrical reading.

Three hours per week, first semester.

## VI. DEMOSTHENES: *Oration on the Crown*

Analysis of the style of Demosthenes, supplemented by readings from Dionysius, and select passages from Hyperides, Isaeus, Aeschines and Isocrates.

Three hours per week, second semester.

## VII. GREEK LITERATURE IN ENGLISH

Lectures on the history of Greek Literature accompanied by class work in Wright's Manual. Required reading of three Greek authors per semester in the best translations, with a critical review of each. The power to criticise independently and appreciate reasonably a work of literary art is sought in this course as well as some direct and personal acquaintance with the literature of Greece.

Three hours per week, first semester. Elective.

## VIII GREEK LITERATURE IN ENGLISH

Continuation of Greek VII.

Three hours per week, second semester. Elective.

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## FRENCH

*Edith A. Hill, Associate Professor*

### I. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable to the grade of work required will be read.

Four hours per week, first semester.

### II. CONTINUATION OF FRENCH I.

Four hours per week, second semester.

### III. SECOND YEAR FRENCH

Rapid review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year.

Three hours per week, first semester.

### IV. CONTINUATION OF FRENCH III

Three hours per week, second semester.

### V. FRENCH LITERATURE

A lecture and reading course intended to give an appreciation of the most important and interesting masterpieces of French genius. Conducted entirely in French. Hugo, Sand, Souvestre, Feuillet, Chateaubriand and Rostand will be studied.

Three hours per week, first semester.

### VI. FRENCH LITERATURE

Continuation of French V.

Three hours per week, second semester.



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## VII. CONVERSATION COURSE

Facts of daily life discussed. Designed to train students to speak and write the language with some facility.

Two hours per week, first semester.

## VIII. CONVERSATION COURSE

Continuation of French VII.

Two hours per week, second semester.

## IX. CLASSIC FRENCH

Reading of the principal authors of the classical period, Corneille, Moliere, Racine, La Fontaine, Le Sage, Boileau and Voltaire.

Three hours per week, first semester.

## X. CLASSIC FRENCH

Continuation of French IX.

Three hours per week, second semester.

## GERMAN

*Edith A. Hill, Associate Professor*

### I. FIRST YEAR GERMAN

Systematic training in simple conversation, narration and the elements of German grammar. Texts suitable for the work of the first year will be read.

Four hours per week, first semester.

### II. FIRST YEAR GERMAN

Continuation of German I.

Four hours per week, second semester.

### III. SECOND YEAR GERMAN

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Three hours per week, first semester.

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## IV. SECOND YEAR GERMAN

Continuation of German III.

Three hours per week, second semester.

## V. THIRD YEAR GERMAN

The German Novel. Scheffel's Ekkehard, Freytag's Soll und Haben, Sudermann's Frau Sorge, Hoffmann's Das Fraulein von Scuderie, and others. Reading and discussion.

Three hours per week, first semester.

## VI. THIRD YEAR GERMAN

The German Novel. Continuation of German V.

Three hours per week, second semester.

## VII. FAUST, PARTS ONE AND TWO

Careful study of the poetry and unity.

Three hours per week, first semester.

## VIII FAUST

Continuation of German VII.

Three hours per week, second semester.

## IX. GERMAN LITERATURE

History of German Literature of the 12th, 14th and 18th centuries, using Wells, Francke and Robertson as references.

Three hours per week, first semester.

## X. GERMAN LITERATURE

Continuation of German IX.

Three hours per week, second semester.

## XI. CONVERSATION COURSE

A course in conversation, composition and sight reading.

Three hours per week, first semester.

## XII. CONVERSATION COURSE

Continuation of German XI.

Three hours per week, second semester.

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## SPANISH

*Edith A. Hill, Associate Professor*

### I. FIRST YEAR SPANISH

Ready familiarity with the essentials of Spanish grammar, and systematic training in pronunciation, conversation and reading.

Four hours per week, first semester.

### II. FIRST YEAR SPANISH

Continuation of Spanish I.

Four hours per week, second semester.

### III. SECOND YEAR SPANISH

Selected texts from modern Spanish authors.

Three hours per week, first semester.

### IV. SECOND YEAR SPANISH

Continuation of Spanish III.

Three hours per week, second semester.

## ITALIAN

*Don Jose M. A. Rodrigues, Instructor*

### I. ITALIAN

A course aiming to give a good reading knowledge of the language and some ability to write it. Bowen's Reader and Amicis' Cuore are used.

Four hours per week, first semester.

Required of candidates for degree in Voice.

### II. ITALIAN

Continuation of Italian I.

Four hours per week, second semester.

Required of candidates for degree in Voice.

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## MATHEMATICS

*Victor L. Duke, Professor*

### I. COLLEGE ALGEBRA

Rapid review of the Theory of Quadratic Equations, Permutations and Combinations, Series, Logarithms, Determinants and elementary Theory of Equations. Required of candidates for the A. B. or B. S. degree. Three hours per week, first semester.

### II. TRIGONOMETRY

Analytic Trigonometry, the proofs and applications of the fundamental relations among the functions of angles. Practical Trigonometry, the solution of the plane triangle, measurements of heights and distances. Sufficient Spherical Trigonometry to determine the spherical triangle.

Required of candidates for the A. B. or B. S. degree. Three hours per week, second semester.

### III. ELEMENTS OF ANALYTICAL GEOMETRY

A study of the point, the line and the circle, with some of the more important and elementary theorems on the conic sections.

Required of candidates for the B. S. degree, elective to others.

Two hours per week, first semester.

### IV. ELEMENTS OF ANALYTICAL GEOMETRY

Continuation of Mathematics III.

Required of candidates for the B. S. degree, elective to others.

Two hours per week, second semester.

### IVa. SURVEYING

The use, care and adjustments of the Surveyor's



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instruments. Field work; chain and tape surveying, transit surveys, leveling, curves, etc.

Prerequisite, Mathematics I and II.

Three hours per week, second semester.

## V. DIFFERENTIAL CALCULUS

Fundamental formulae and processes of differentiation and an insight into the powerful factor which this subject is in modern scientific research.

Prerequisite, Mathematics I-IV.

Three hours per week, first semester.

## VI. INTEGRAL CALCULUS

A study of the processes of integration and their application to physical and mechanical problems.

Prerequisite, Mathematics I-V.

Three hours per week, second semester.

## VII. DESCRIPTIVE AND GENERAL ASTRONOMY

A study of the heavenly bodies, their constitution, laws of motion, physical properties and the processes by which man discovers these facts.

Prerequisite, Mathematics I-II.

Three hours per week, first semester.

## VIII. DESCRIPTIVE AND GENERAL ASTRONOMY

Continuation of Mathematics VII.

Three hours per week, second semester.

## IX. ADVANCED ANALYTICAL GEOMETRY

A more detailed study of the properties of the conic sections; some insight into the study of higher plane curves. Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## X. ADVANCED ANALYTICAL GEOMETRY

Continuation of Mathematics IX.

Two hours per week, second semester.

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## XI. ADVANCED THEORY OF EQUATIONS

Equations of higher degrees, symmetric functions of roots, determinants of higher orders.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## XII. ADVANCED THEORY OF EQUATIONS

Continuation of Mathematics XI.

Two hours per week, second semester.

## XIII. DIFFERENTIAL EQUATIONS

Principles involved in the solution of such equations and the applications of this branch of Mathematics to Mechanics.

Prerequisite, Mathematics I-VI.

Three hours per week, first semester.

## XIV. DIFFERENTIAL EQUATIONS

Continuation of Mathematics XIII.

Three hours per week, second semester.

## XV. ADVANCED INTEGRAL CALCULUS

Special attention will be given to the definite integral and to elliptic integrals.

Prerequisite, Mathematics I-VI.

Two hours per week, first semester.

## XVI. ADVANCED INTEGRAL CALCULUS

Continuation of Mathematics XV.

Two hours per week, second semester.

## CHEMISTRY

*S. Guy Jones, Professor*

### I. GENERAL CHEMISTRY

Advanced course involving theoretical Chemistry.

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Should be accompanied by Chemistry III. Prerequisite, one year of Elementary Chemistry.

Two recitations and lectures per week, first semester.

## II. GENERAL CHEMISTRY

Continuation of Chemistry I. Should be accompanied by Chemistry IV.

Two recitations and lectures per week, second semester.

## III. QUALITATIVE CHEMISTRY

Study of the properties and methods of separating the metallic elements.

Must accompany or follow Chemistry I.

Two laboratory periods per week, first semester.

## IV. QUALITATIVE ANALYSIS

Continuation of Chemistry III. Study of the properties and methods of separating non-metallic elements. The processes of Qualitative Analysis applied to the determination of the composition of natural and commercial products.

Must accompany or follow Chemistry II.

Two laboratory periods per week, second semester.

## V. QUANTITATIVE ANALYSIS

General methods of Gravimetric Analysis accompanied by a course in Chemical Arithmetic. Prerequisite, Chemistry I-IV.

Chemical Arithmetic one hour and laboratory work three periods per week, first semester.

## VI. QUANTITATIVE ANALYSIS

Continuation of Chemistry V. Gravimetric and Volumetric Analysis, with Chemical Arithmetic.

Chemical Arithmetic one hour and laboratory work three periods per week, second semester.

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## VII. QUANTITATIVE EXERCISES

A course in quantitative manipulations and determinations. The aim of the course is to obtain skill in quantitative manipulation and a knowledge of methods which will enable the student to quickly and easily become proficient in any of the several lines of quantitative analytical Chemistry.

Prerequisite, Chemistry I-IV.

Three laboratory periods per week, first semester.

## VIII. QUANTITATIVE EXERCISES

Continuation of Chemistry VII.

Three laboratory periods per week, second semester.

## IX. ORGANIC CHEMISTRY

A study of the compounds of Carbon.

Prerequisite, Chemistry I-IV.

Two recitations and two laboratory periods per week, first semester.

## X. ORGANIC CHEMISTRY

Continuation of Chemistry IX.

Two recitations and two laboratory periods per week, second semester.

## XI. INORGANIC PREPARATIONS

Study of the accepted methods of preparing the principal inorganic compounds.

Prerequisite, Chemistry I-IV.

Three laboratory periods per week, first semester.

## XII. BLOW-PIPE ANALYSIS

A laboratory course in qualitative blow pipe analysis.

Prerequisite, Chemistry I-IV.

Three laboratory periods per week, second semester.



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## PHYSICS

*S. Guy Jones, Professor*

### I. MECHANICS, MOLECULAR PHYSICS AND HEAT

Although the grasping of principles and not skill in manipulation is strongly emphasized, still the fixing power of laboratory application is recognized. The purpose is to give the student an insight into the real significance of physical things, by putting him in touch with the methods and instruments of modern physical investigation and by carrying him through the processes of reasoning by which the present science of physics has been developed.

Required of candidates for B. S. degree in Sophomore year. Elective for A. B. and Ph. B., Sophomores, Juniors and Seniors.

Prerequisite, one year of entrance Physics and Mathematics I and II.

Recitation and lectures two hours and two laboratory periods per week, first semester.

### II. SOUND, LIGHT, ELECTRICITY AND MAGNETISM

Continuation of Physics I. Presented in a similar manner and with the same aim.

Required of candidates for B. S. degree in the Sophomore year. Elective for A. B. and Ph. B. Sophomores, Juniors and Seniors.

Recitation and lectures two hours and two laboratory periods per week, second semester.

### III. ELECTRICAL MEASUREMENTS

Elective for Juniors and Seniors.

Prerequisite, Physics I and II.

One recitation and three laboratory periods per week, second semester.

NOTE—For more advanced courses in Physics and the hours for the same, arrangements may be made with the Professor in charge.

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## BIOLOGY

*Geo. Robertson, Professor*

### I. GENERAL BOTANY

The study will cover a general course in plant life, including lectures, recitations, laboratory and field work. The local flora is very rich in native and cultivated plants, suitable for study every month of the year. The work will be pursued along three lines (a) Morphological, (b) Physiological and (c) special Botany, a study of local flora, conditions and the preparation of an herbarium and a knowledge of their economic values.

Elective.

Three hours and one laboratory period each week, first semester.

### II. GENERAL BOTANY

Continuation of Biology I.

Elective.

Three hours and one laboratory period per week, second semester.

### III. GENERAL ZOOLOGY

A study of invertebrate animal life, the structure, development, classification and distribution.

Elective.

Three hours and one laboratory period per week, first semester.

### IV. GENERAL ZOOLOGY

Continuation of Biology III.

A study of vertebrate animal life; the morphology, development, physiology, classification, distribution and economic value.

Elective.

Three hours and one laboratory period per week, second semester.

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## FORESTRY

*Geo. Robertson, Instructor*

### I. FORESTRY

The study will cover our local national forests, trees, chaparral, herbs, conservation of forest cover and of water. The course will deal with rock and soil structure, national forests in general, their purpose, use, protection and management.

Biology I and II are desirable prerequisites.

Elective.

Three hours per week, second semester.

## GEOLOGY

*Geo. Robertson, Professor*

### I. GENERAL GEOLOGY

Lectures, recitations, laboratory and field work. The study will include the salient and economic features of the science, giving a systematic and comprehensive knowledge of the most important teachings of Geology. The course will cover (a) Dynamical, (b) Structural and (c) Historical Geology. Attention will be given to the Petrology and Crystallography of the common rocks and minerals.

Prerequisites, Biology I-IV.

Elective.

Three hours and one laboratory period per week, first semester.

### II. GENERAL GEOLOGY

Continuation of Geology I.

Elective.

Three hours and one laboratory period per week, second semester.

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## Schedule of Courses

### FIRST SEMESTER

#### 8:00 O'CLOCK

Bible III.....				Th	F
History I.....	M	T	W		
English V.....			W	Th	F
Greek I.....				Th	F
Greek III.....	M	T	W		
French V.....		T			
Spanish III.....				Th	F
Mathematics I.....	M	T	W		
Chemistry A.....	M	T	W	Th	F
Physics A.....				Th	F
Botany I.....				Th	F

#### 9:20 O'CLOCK

Philosophy I.....			W	Th	
Philosophy II.....				Th	
Philosophy V.....	M	T	W		F
History XI.....	M		W		F
English III.....			W	Th	
Greek A.....			W	Th	F
Greek I.....	M				
French V.....	M		W		
German III.....	M	T			F
German V.....		T		Th	F
Mathematics V.....	M		W	Th	F
Chemistry A.....	M	T			
Physics A.....	M	T	W	Th	F
Botany I.....	M	T			F



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## 10:20 O'CLOCK

Philosophy II.....	M	T	W		
Bible I .....				Th	F
History III.....				Th	F
English A.....	M	T	W	Th	
English XI.....		T	W		F
Latin I.....		T		Th	
Latin III.....	M		W		F
Spanish I.....	M	T	W		F
Mathematics C.....	M	T			
Mathematics E.....				Th	F
Chemistry I.....				Th	F
Chemistry III.....	M	T			
Chemistry V.....	M	T	W		
Zoology I.....				Th	

M  
T  
Th  
F

## 11:20 O'CLOCK

History V.....		T	W	Th	
History IX.....					F
English C.....	M	T	W	Th	
English III.....					F
English VII.....		T	W	Th	
Latin A.....	M	T	W	Th	
Latin I.....					F
French I.....	M	T		Th	F
Spanish III.....			W		
Mathematics VII.....	M		W	Th	
Chemistry III.....	M	T			
Chemistry V.....	M	T	W	Th	
Zoology I.....	M	T	W	Th	

## 1:30 O'CLOCK

Sociology I.....	M	T	W		
History A.....	M	T	W	Th	
English IX.....		T	W		F
Greek C.....	M	T		Th	F
German I.....	M	T		Th	F
Mathematics III.....		T	W		
Physics I.....				Th	F
Geology I.....					F

T  
W

## 2:30 O'CLOCK

History XIII.....	M	T	W		
English I.....		T	W		F
Latin C.....	M	T	W		F
French III.....	M	T		Th	
Mathematics A.....		T	W	Th	F
Physics I.....	M	T		Th	F
Geology I.....	M	T	W		F

T  
W  
T  
F

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## SECOND SEMESTER

### 8:00 O'CLOCK

Bible IV.....				Th	F
History II.....	M	T	W		
English VI.....			W	Th	F
Greek II.....				Th	F
Greek IV.....	M	T	W		
French VI.....		T			
Spanish IV.....				Th	F
Mathematics II.....	M	T	W		
Chemistry B.....	M	T	W	Th	F
Physics B.....				Th	F
Botany II.....					F

### 9:20 O'CLOCK

Philosophy IV.....		T	W	Th	
History XII.....	M		W		F
English IV.....			W	Th	
Greek B.....		T	W	Th	F
Greek II.....	M				
French VI.....	M		W		
German IV.....	M	T			F
German VI.....		T		Th	F
Mathematics VI.....	M		W	Th	
Mathematics IVa.....		T			F
Chemistry B.....	M	T			
Physics B.....	M	T	W	Th	F
Botany II.....	M	T	W		F

### 10:20 O'CLOCK

Economics I.....	M	T	W		
Bible II.....				Th	F
History IV.....				Th	F
English B.....	M	T	W	Th	
English XII.....		T	W		F
Latin II.....		T		Th	
Latin IV.....	M		W		F
Spanish II.....	M	T	W		F
Mathematics D.....	M	T			
Mathematics F.....				Th	F
Chemistry II.....				Th	F
Chemistry IV.....	M	T			
Chemistry VI.....	M	T	W		
Zoology II.....				Th	

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11:20 O'CLOCK

History VI.....		T	W	Th	
History X.....					F
English D.....	M	T	W	Th	
English IV.....					F
English VIII.....		T	W	Th	
Latin B.....	M	T	W	Th	
Latin II.....					F
French II.....	M	T		Th	F
Spanish IV.....			W		
Mathematics VIII.....	M		W	Th	
Chemistry IV.....	M	T			
Chemistry VI.....	M	T	W	Th	
Zoology II.....	M	T	W	Th	

1:30 O'CLOCK

Philosophy III.....	M	T	W		
History B.....	M	T	W	Th	
English X.....		T	W		F
Greek D.....	M	T		Th	F
German II.....	M	T		Th	F
Mathematics IV.....		T	W		
Physics II.....				Th	F
Geology II.....					F
Forestry I.....	M	T	W		

2:30 O'CLOCK

History XIV.....	M	T	W		
English II.....		T	W		F
Latin D.....	M	T	W		F
French IV.....	M	T		Th	
Mathematics B.....		T	W	Th	F
Mathematics IVa.....	M				
Physics II.....	M	T		Th	F
Geology II.....	M	T	W		F





College of Fine Arts



## College of Fine Arts

### MUSIC

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#### GENERAL INFORMATION

In accordance with the plan followed in connection with the other departments of the University, provisions have been made for the most thorough elementary and advanced work in the Department of Music.

The elementary work in piano and other departments will be under competent instructors who will be under the supervision of the Director of the department.

Realizing the degree to which superior musical proficiency is attainable only in conjunction with the highest cultural development, stress will be laid upon this phase of the student's growth, and special attention will be given to courses in other departments of the University which will prove of value to students in the Department of Music.

Classes in this department will be organized at the beginning of the college year as indicated in the calendar, except in the event of a sufficient number of pupils applying at some other time to justify the formation of special classes.

Individual work may be begun at any time by students showing marked musical ability.

Diplomas will be awarded to students showing sufficient musical ability who have completed the required courses. The pupil's work is to be subject to the approval of the Director.

The Choral Society, under the leadership of the head of the Department of Music, and the Orchestra, directed by the professor of violin work, give opportunity for expression

# UNIVERSITY OF REDLANDS

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and development of the musical ability of the students of the University. Moreover, the Schubert Club, directed by Professor Hopkins of the Department of Music and the Spinnet, composed of the lovers of music of the city, give evidence of the especially fine musical environment of Redlands.

## CONSERVATORY COURSE IN PIANO

CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA

In order to enter this course, the applicant must have a certificate showing graduation from a good High School or equivalent credits, and in addition at least two years of elementary piano work.

### FIRST YEAR

Piano.....two periods a week  
History of Music.....one period a week  
Theory.....one period a week  
One Modern Language, three or four periods a week

### SECOND YEAR

Piano.....two periods a week  
History of Piano-Forte Music.....one period a week  
Harmony.....one period a week  
One Modern Language, three or four periods a week

### THIRD YEAR

Piano.....two periods a week  
Harmony.....one period a week  
One Modern Language, three or four periods a week  
Psychology.....four periods a week

### FOURTH YEAR

Piano.....two periods a week  
Harmony and Counterpoint.....one period a week



UNIVERSITY OF REDLANDS

- Composition.....one period a week
- One Modern Language, three or four periods a week
- Psychology.....four periods a week

During this course the pupil must appear in public at least four times, the time of such public appearance to be advised by the Director.

CONSERVATORY COURSE FOR VOICE

CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA

In order to enter this course, the applicant must have a certificate showing graduation from a good High School, or equivalent credits, and in addition at least one year of elementary piano work.

FIRST YEAR

- Voice.....two periods a week
- Piano.....one period a week
- History of Music.....one period a week
- Italian.....three or four periods a week
- Moral Philosophy.....three periods a week

SECOND YEAR

- Voice.....two periods a week
- Piano.....one period a week
- Bel Canto (Special).....one period a week
- Italian.....three or four periods a week

THIRD YEAR

- Voice.....one period a week
- Piano.....one period a week
- Italian and English Repertoire (Special).....one period a week
- Italian.....three or four periods a week
- French or German.....three or four periods a week
- Psychology.....four periods a week

UNIVERSITY OF REDLANDS

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FOURTH YEAR

Voice (Special).....	one period a week
Piano.....	two periods a week
General Repertoire (Special).....	one period a week
Theory and Harmony.....	one period a week
French, German or Italian.....	
.....	three or four periods a week

During this course the pupil must appear in public at least four times, the time of such public appearance to be advised by the Director.

CONSERVATORY COURSE FOR VIOLIN

CONFERRING DEGREE OF BACHELOR OF MUSIC AND DIPLOMA

In order to enter this course, the applicant must have a certificate showing graduation from a good High School, or equivalent credits, and in addition at least two years of elementary violin.

FIRST YEAR

Violin.....	two periods a week
Harmony.....	one period a week
Piano.....	one period a week
One Scientific Subject (Mathematics or Physics).....	
.....	three periods a week
One Modern Language, three or four periods a week	

SECOND YEAR

Violin.....	two periods a week
Harmony.....	one period a week
Piano.....	one period a week
Ensemble Playing.....	one period a week
One Scientific Subject (Elective) three periods a week	
One Modern Language, three or four periods a week	

UNIVERSITY OF REDLANDS

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THIRD YEAR

Violin.....	two periods a week
Counterpoint.....	one period a week
Ensemble Playing.....	one period a week
Musical Form.....	one period a week
One Scientific Subject (Elective)	three periods a week
One Modern Language,	three or four periods a week

FOURTH YEAR

Violin.....	two periods a week
Composition.....	one period a week
History of Music.....	one period a week
Ensemble Playing.....	one period a week
One Scientific Subject (Elective)	three periods a week
One Modern Language,	three or four periods a week

During the course the pupil must appear in public at least four times, the time of such public appearance to be advised by the Director.

ART

*Ida Schuler Knights, Instructor*

Instruction in all classes is individual. Advancement of each student depends on the degree of proficiency only. Students may enter any class upon presenting work showing the necessary skill.

Students will be admitted at any time; but not for less than one term except by special arrangement.

Special branches may be taken up separately from the course.

Each student is expected to pursue a systematic course of reading in art history, literature, and current art subjects.

All fees payable in advance.

# UNIVERSITY OF REDLANDS

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## COURSE OF STUDY

### FIRST YEAR

Charcoal drawing from casts. Pencil drawing from flowers. Charcoal drawing from still life. Time sketching and applied perspective.

### SECOND YEAR

Drawing from the antique and still life, composition and art history.

### THIRD YEAR

Drawing from life in charcoal, anatomy, composition. Still life in water colors.

### FOURTH YEAR

Drawing from life in charcoal. Still life in water colors and oil.



**Academy**



## Academy

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### GENERAL INFORMATION

The University authorities have determined, for a few years at least, to maintain an academy department, covering approximately the last two years of the regular high school or academy courses. The work in these classes will be given, in so far as possible, by the regular professors in the University.

Students contemplating entering the academy should request the superintendent of the school last attended to forward to the Registrar of the University a certificate showing the work for which credit will be asked. The entrance requirements for this department presuppose that the student has completed the work for the first two years in some accredited high school.

Students expecting to take the entrance examinations should present themselves to the Registrar on the dates set for such examinations (see Calendar).

The system of grading, the regulations as to work and examinations, and all general rules and regulations of the University apply also to the Academy. Upon request, parents of students in the Academy will be kept informed as to the character of the work being done.

Graduates from the Academy will be granted a diploma showing completion of this work and will be admitted to the University without examination.

To that student graduating from the Academy with the highest average grade of work done in residence of at least one year will be granted a prize in the form of free tuition in the College of Liberal Arts for one semester, providing

# UNIVERSITY OF REDLANDS

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such work be taken during the year immediately following that in which said student completed the Academy.

## DORMITORIES AND ROOMS

The two halls, the one for men, the other for women, supply accommodations for a limited number of students. Those who cannot be thus provided for, or for any reason prefer to room and board elsewhere, may secure a list of approved places upon application to the Registrar. (For rates see Expenses).

## HISTORY

*A. Harvey Collins, Professor*

### A. AMERICAN HISTORY AND CIVICS

Recognizing that the student in the last years of his Academy course is within but a few years of active citizenship, this course is designed to give him a knowledge, not of facts merely, but also of the methods of our Government, and of his share in it. Therefore a somewhat intensive study will be made of such topics as will call for comparison and the exercise of judgment on the part of the student and at the same time show the institutional and constitutional development of our country.

Four hours per week, first semester.

Required of Academy students.

### B. AMERICAN HISTORY AND CIVICS

Continuation of History A.

Four hours per week, second semester.

Required of Academy students.



# UNIVERSITY OF REDLANDS

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## ENGLISH

*Geo. D. Knights, Professor*

A. FIRST YEAR ENGLISH

The fundamentals of composition will be studied. There will be much practice in writing. Selections from the books to be read for college entrance will be studied. Four hours per week, first semester.

B. FIRST YEAR ENGLISH

Continuation of English A.  
Four hours per week, second semester.

C. SECOND YEAR ENGLISH

Some rhetorical principles will be considered. There will be some thorough word study, and frequent practice in literary expression. Some of the books for study in the college entrance requirement will be reviewed thoroughly. There will be some additional reading. Four hours per week, first semester.

D. SECOND YEAR ENGLISH

The principles of Argumentation will be taught, and there will be practice in the application of these principles. The work with the books for study and reading for college entrance will be completed. Four hours per week, second semester.

## LATIN

*James W. Kyle, Professor*

A. CICERO—*Orations and Letters*

Weekly exercises in recomposition of the text. Daily practice in reading the Latin to secure fluency and expression. Special studies on the life and times of Cicero. Memorizing of select passages. Four hours per week, first semester.

# UNIVERSITY OF REDLANDS

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- B. *CICERO—Orations and Letters*  
Continuation of Latin A.  
Four hours per week, second semester.
- C. *VERGIL—Aeneid, Books I-VI, and Selections*  
Exercises in metrical reading of the text. Systematic study of Vergil's spirit, style and grammatical idioms.  
Four hours per week, first semester.
- D. *VERGIL—Aeneid, Books I-VI, and Selections*  
Continuation of Latin C.  
Four hours per week, second semester.

## GREEK

*James W. Kyle, Professor*

- A. *ELEMENTARY GREEK*  
Inflections, syntax and composition. Reading in the *Anabasis* of Xenophon.  
Four hours per week, first semester.
- B. *ELEMENTARY GREEK*  
Continuation of Greek A.  
Four hours per week, second semester.
- C. *XENOPHON—Anabasis, Books I-IV*  
Exercises in recomposition of the text. Daily practice in the reading of the Greek. Review of syntax with Goodwin's Grammar.  
Four hours per week, first semester.
- D. *XENOPHON—Anabasis.*  
Continuation of Greek C.  
Four hours per week, second semester.

NOTE—For the years 1910-12 the courses in elementary Greek and Xenophon's *Anabasis*, if taken in this institution, will receive college credit as electives, at the rate of three hours per semester.

# UNIVERSITY OF REDLANDS

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## FRENCH

*Edith A. Hill, Associate Professor*

### A. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable to the grade of work required will be read.

Four hours per week, first semester.

### B. CONTINUATION OF FRENCH A

Four hours per week, second semester.

### C. SECOND YEAR FRENCH

Rapid review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year.

Three hours per week, first semester.

### D. CONTINUATION OF FRENCH C

Three hours per week, second semester.

## GERMAN

*Edith A. Hill, Associate Professor*

### . FIRST YEAR GERMAN

Systematic training in simple conversation, narration and the elements of German grammar. Texts suitable for the work of the first year will be read.

Four hours per week, first semester.

### B. FIRST YEAR GERMAN

Continuation of German A.

Four hours per week, second semester.

# UNIVERSITY OF REDLANDS

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## C. SECOND YEAR GERMAN

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Three hours per week, first semester.

## D. SECOND YEAR GERMAN

Continuation of German C.

Three hours per week, second semester.

## MATHEMATICS

*Victor L. Duke, Professor*

### A. PLANE GEOMETRY

Much stress is laid upon the working of original exercises. Many of these will be written and many solved extempore before the class.

Four hours per week, first semester.

### B. PLANE GEOMETRY

Continuation of Mathematics A.

Four hours per week, second semester.

### C. INTERMEDIATE ALGEBRA

Much attention is paid to factoring, theory of exponents, quadratic equations, ratio and proportion, the progressions and the binomial theorem for positive integral exponents.

Prerequisite, the equivalent of four hours per week for one year of Elementary Algebra.

Two hours per week, first semester.

### D. INTERMEDIATE ALGEBRA

Continuation of Mathematics C.

Two hours per week, second semester.

### E. SOLID GEOMETRY

The fundamental propositions of solid and spherical geometry with many original exercises applied especially to the mensuration of solids.

Prerequisite, Mathematics A and B.



# UNIVERSITY OF REDLANDS

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## F. SOLID GEOMETRY

Continuation of Mathematics E.

Two hours per week, second semester.

## CHEMISTRY

*S. Guy Jones, Professor*

*Herbert B. Holt, Instructor*

### A. ELEMENTS OF CHEMISTRY

A beginning course in Chemistry, mainly descriptive in nature, which, while given as a foundation for higher courses in Chemistry, is complete in itself. Offered in the Academy first year course and to students entering college without Chemistry credits.

Three recitations and two laboratory periods per week, first semester. Fee, \$5.00.

### B. ELEMENTS OF CHEMISTRY

Continuation of Chemistry A.

Three recitations and two laboratory periods per week, second semester. Fee, \$5.00.

## PHYSICS

*S. Guy Jones, Professor*

### A. ELEMENTARY PHYSICS

A recitation and laboratory course which is prerequisite for all college courses in Physics. Given in the Academy second year and also open to students entering the University who do not offer one year of entrance Physics.

Three recitations and two laboratory periods per week, first semester. Fee, \$3.00.

### B. ELEMENTARY PHYSICS

Continuation of Physics A.

Three recitations and two laboratory periods per week, second semester. Fee, \$3.00.

# UNIVERSITY OF REDLANDS

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## Register of Students

For the Year 1910-11

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### COLLEGE OF LIBERAL ARTS

#### GRADUATE STUDENTS

Rice, Ralph R.....Maopa, Nev.  
Williams, Alice M.....Redlands, Cal.

#### SENIORS

Coolidge, Rachael Abbie.....Pasadena, Cal.  
Willis, Nelle.....Manchester, Tenn.

#### JUNIORS

Gaines, Virginia Claire.....Redlands, Cal.  
Humphrey, Grace Myrtle.....Orange, Cal.  
Thompson, Samuel Reed.....Redlands, Cal.

#### SOPHOMORES

Hatcher, Joybell.....Amarillo, Texas  
Hidden, Elizabeth.....Los Angeles, Cal.  
Matthews, Vera Ethel.....San Dimas, Cal.  
McNair, Harley Farnsworth.....Redlands, Cal.

#### FRESHMEN

Arthur, Cecil Esterley.....Washington, Ind.  
Blanc, Clarence Eugene.....Julian, Cal.  
Bonnell, Robert O.....Redlands, Cal.  
Burns, Charles.....Rosendale, Mo.  
Clark, Laura.....Redlands, Cal.  
Cowgill, Chester B.....Redlands, Cal.  
Coolidge, Frances Emily.....Pasadena, Cal.  
Deaver, Charles Leon.....Riverside, Cal.

# UNIVERSITY OF REDLANDS

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Dodge, Henry Chipman.....	Stockton, Cal.
Ellington, Grace Parthina.....	Azusa, Cal.
Foot, Wilfred Rose.....	Redlands, Cal.
Fowler, Leonard Baugh.....	Los Angeles, Cal.
Gerber, Raymond Clyde.....	Highland, Cal.
Goodman, Donald C.....	Phoenix, Ariz.
Gordon, Anita M.....	Oxnard, Cal.
Hasson, Earl Le Roy.....	Redlands, Cal.
Hentschke, Walter G.....	Redlands, Cal.
Holt, Herbert Brayton.....	Riverside, Cal.
Kerrick, Josephine.....	Riverside, Cal.
Knight, Samuel.....	Redlands, Cal.
Kolyer, Clinton Bortle.....	Redlands, Cal.
Lane, Lena.....	Highland, Cal.
Medland, Dorothy.....	Redlands, Cal.
Meeker, Marion Grace.....	Redlands, Cal.
Sandefur, Ira Lee.....	San Bernardino, Cal.
Sawin, Ruth Eleanor.....	Loyalton, Cal.
Spafford, Lynn Carlton.....	Riverside, Cal.
Spayth, Newell Daniel.....	Upland, Cal.
Verdugo, Castenia M.....	Redlands, Cal.
Walker, Stanley Boyd.....	San Dimas, Cal.
Wells, Hervey.....	Redlands, Cal.
Williams, Roger J.....	Redlands, Cal.
Wood, Hazel Elizabeth.....	Glendale, Cal.

## SPECIAL

Bekins, Ruth Mabel.....	Los Angeles, Cal.
Field, Helen Marie.....	Redlands, Cal.
Johnson, Benjamin D.....	Redlands, Cal.
Parmelee, Iva E.....	Tekama, Neb.
Peirce, Edna Irene.....	Azusa, Cal.
Roche, Frances Ellen.....	Azusa, Cal.

# UNIVERSITY OF REDLANDS

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Stanley, Marguerite Ruth.....	San Bernardino, Cal.
Smiley, Ruth.....	Redlands, Cal.
Sherer, Gail Genevieve.....	Redlands, Cal.
Warden, Martin Baker.....	Chicago, Ill.
Yost, Catherine Fay.....	Redlands, Cal.

## COLLEGE OF FINE ARTS

### MUSIC

Arthur, Cecil Esterley.....	Washington, Ind.
Akins, Catherine Eunice.....	Redlands, Cal.
Baines, L. E.....	Rialto, Cal.
Bekins, Ruth.....	Los Angeles, Cal.
Curtis, Faye.....	Redlands, Cal.
Deming, Mrs. Nellie F.....	Redlands, Cal.
aux Eblen, Ona.....	Aztec, N. M.
Eckles, Leon L.....	Redlands, Cal.
Fessenden, Beatrice Louise.....	San Bernardino, Cal.
Field, Helen Marie.....	Redlands, Cal.
Gore, Elizabeth.....	Redlands, Cal.
Gore, Mrs. J. Frank.....	Redlands, Cal.
Hanna, Olive.....	Waveland, Ind.
Hill, Nellie Louise.....	Santa Ana, Cal.
Lockhart, Mrs. A. B.....	Redlands, Cal.
Martin, Will P.....	Rialto, Cal.
May, Carrie.....	Redlands, Cal.
Melville, Harold Farr.....	Hollywood, Cal.
Miller, Marie Louise.....	Lexington, Mich.
Montgomery, Mary Phillips.....	Redlands, Cal.
Moore, Gretchen.....	Redlands, Cal.
Morton, Mrs. Edna Helene.....	Redlands, Cal.
Nordhoff, Margaret.....	Redlands, Cal.
Osborne, Ethel.....	Loma Linda, Cal.



# UNIVERSITY OF REDLANDS

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Owen, George W.....	Loma Linda, Cal.
Parmelee, Iva.....	Tekama, Neb.
Raught, Charles Chalmers.....	Redlands, Cal.
Raught, E. May.....	Redlands, Cal.
Roche, Frances.....	Azusa, Cal.
Saunders, Inez.....	Redlands, Cal.
Seelye, Adolyn E.....	Redlands, Cal.
Stanley, Marguerite Ruth.....	San Bernardino, Cal.
Smith, Grace A.....	San Bernardino, Cal.
Smith, Mrs. W. Carlton.....	Redlands, Cal.
Walker, Mrs. Jessie M.....	Hollywood, Cal.
Young, Della.....	Redlands, Cal.

## ART

Cram, Helen.....	Highland, Cal.
Peirce, Edna.....	Azusa, Cal.

## ACADEMY

### SENIORS

Coolidge, Frances Emily.....	Pasadena, Cal.
Sandefur, Ira Lee.....	San Bernardino, Cal.
Wood, Hazel Elizabeth.....	Glendale, Cal.

### JUNIORS

Adams, Porter Hartwell.....	Boston, Mass.
Allen, Louis William.....	Pasadena, Cal.
Allen, Stuart D.....	Redlands, Cal.
Butman, Helen.....	Redlands, Cal.
Carpenter, Isabel.....	Redlands, Cal.
Chedester, Franklin P.....	Redlands, Cal.
Duncan, Frederick W.....	San Diego, Cal.
Edwards, Curtis Vergel.....	Redlands, Cal.

# UNIVERSITY OF REDLANDS

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Garland, William Joseph.....	Los Angeles, Cal.
Garner, Robert F., Jr.....	San Bernardino, Cal.
Herold, Roberta Carolyn.....	Redlands, Cal.
Lackman, Robert.....	Cincinnati, Ohio
Linsley, Paul J.....	Pomona, Cal.
Low, Howard.....	Gardena, Cal.
Matteson, Hartley D.....	Pasadena, Cal.
Meador, Veva.....	Los Angeles, Cal.
Moore, Ada Marie.....	Taylorville, Ill.
Parmelee, Orrin Edgar.....	Tekama, Neb.
Porter, Ora.....	Redlands, Cal.
Poston, Oscar.....	Azusa, Cal.
Riley, Charles Fred, Jr.....	San Bernardino, Cal.
Rentfrow, Verdie.....	Redlands, Cal.
Senft, Edith Marie.....	Highland, Cal.
Smith, Welcome B.....	San Bernardino, Cal.
Smith, Lula May.....	Redlands, Cal.
Thatcher, Frederick J.....	Redlands, Cal.
Webster, Alvard.....	Santa Cruz, Cal.

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Total enrollment.....	123
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Counted twice.....	9
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Net Enrollment.....	114
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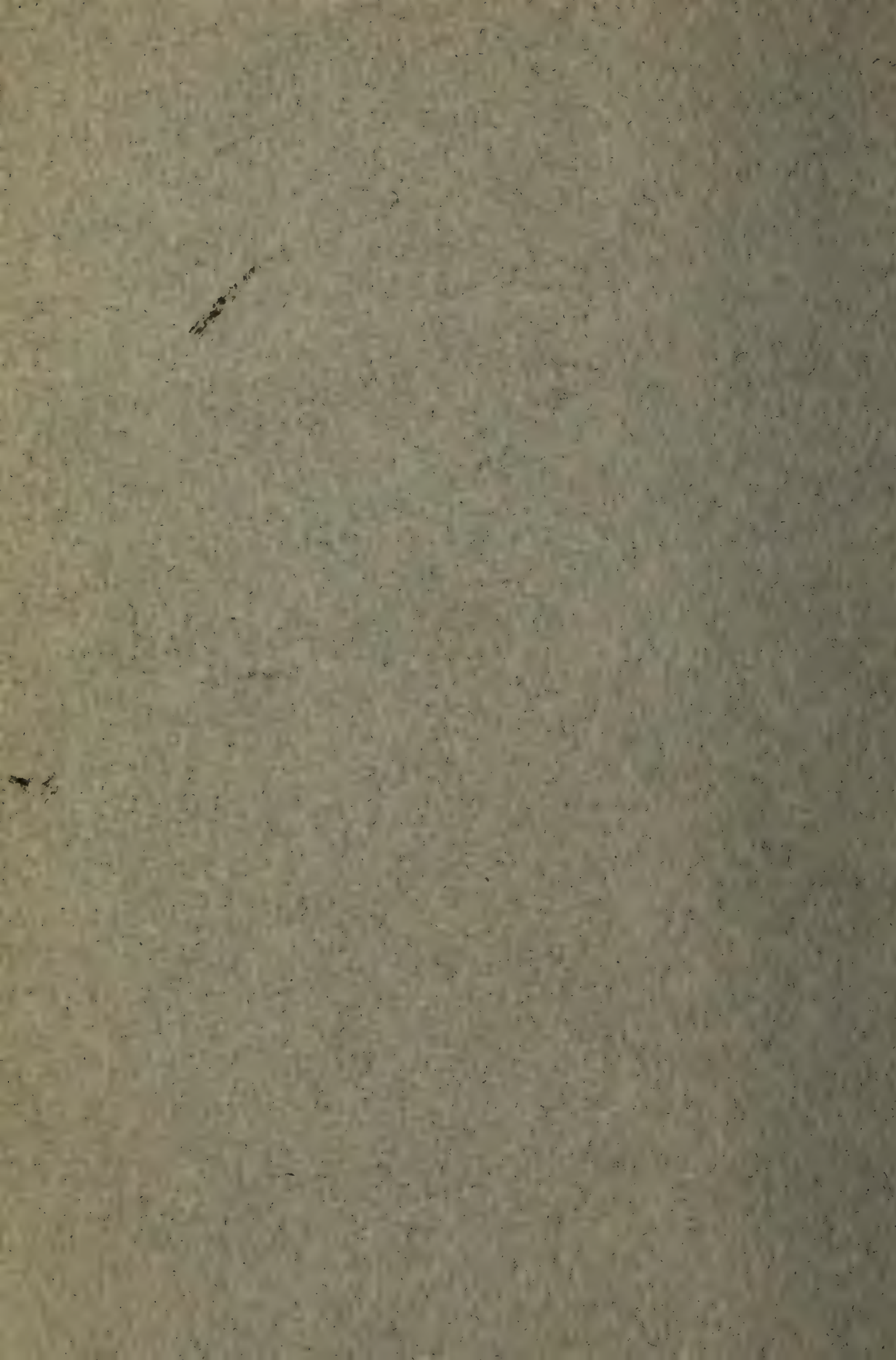


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# UNIVERSITY — OF — REDLANDS

BULLETIN

Annual Catalog

UNIVERSITY OF ILLINOIS

OCT 4 1915

PRESIDENT'S OFFICE

Vol. II

MARCH, 1912

No. 1

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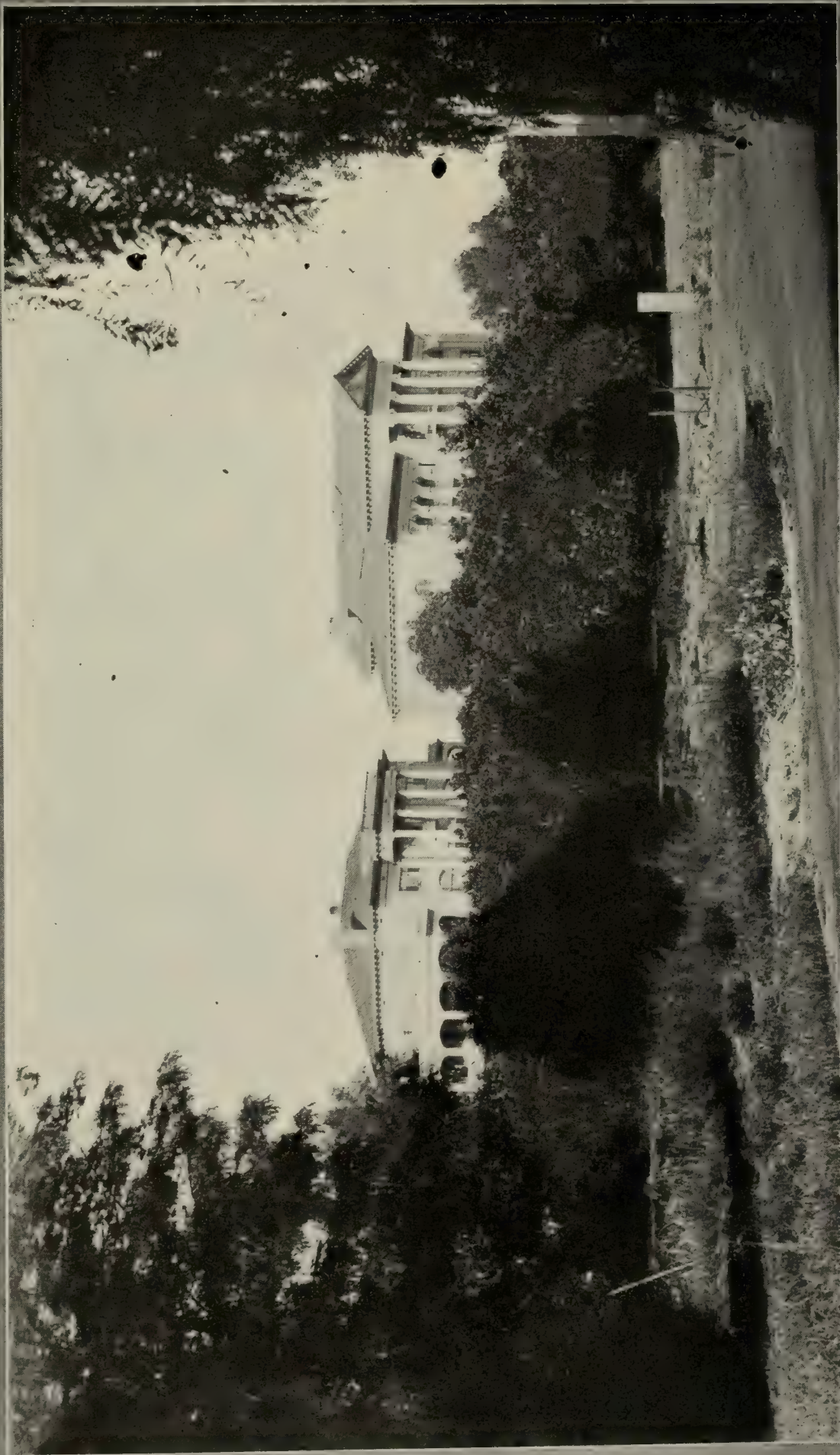












President's Home

Administration Building



UNIVERSITY  
— OF —  
REDLANDS

Fourth Annual Announcement



Redlands, California

1912-1913

CITROGRAPH PRINTING HOUSE

REDLANDS, CALIFORNIA

1912

# UNIVERSITY OF REDLANDS

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# UNIVERSITY OF REDLANDS

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## Calendar

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1912.

September 17th, Tuesday—Entrance examinations.

September 18th, Wednesday—Registration for First Semester.

September 19th, Thursday—First Semester begins with Assembly at 10 a. m.

{ November 28th, Thursday, to  
December 2nd, Monday, at 1:30 p. m. Thanksgiving Recess  
December 20th, Friday—Christmas Vacation begins at  
4:30 p. m.

1913.

January 6th, Monday—Christmas Vacation ends at 1:30 p. m.

January 23rd, Thursday—Day of Prayer for Colleges.

January 29th, 30th and 31st, Wednesday, Thursday and Friday—Mid-year examinations.

February 3rd, Monday—Entrance examinations and registration for Second Semester.

February 4th, Tuesday—Second Semester begins at 8 a. m.

March 28th, Friday—Spring Vacation begins at 4:30 p. m.

April 7th, Monday—Spring Vacation ends at 1:30 p. m.

May 30th, Friday—Memorial Day.

June 4th, 5th and 6th, Wednesday, Thursday and Friday—Final examinations.

June 8th, Sunday—Baccalaureate Sermon, 11 a. m.

Vesper Service, 4:30 p. m.

# UNIVERSITY OF REDLANDS

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June 9th, Monday evening—Annual Zanjafiesta.

June 10th, Tuesday—Anniversary of the College of Fine  
Arts, Department of Music.  
Athletic Events.

June 11th, Wednesday—Class Day.  
Graduating exercises of Academy.  
President's Reception.

June 12, Thursday—Commencement.  
Alumni Reunion and Banquet.

## Board of Trustees

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### MEMBERS OF THE BOARD

Term expiring January, 1913:

A. T. Currier, Pomona  
J. W. Curtis, San Bernardino  
W. H. Fowler, Ontario  
T. C. Roseberry, Los Angeles  
J. H. Strait, Redlands  
J. Whitcomb Brougher, D. D., Los Angeles  
W. F. Harper, Pomona  
W. B. Percival, M. D., Los Angeles

Term expiring January, 1914:

Jasper Newton Field, Redlands  
Isaac Ford, Redlands  
Arthur Gregory, Redlands  
W. H. Jameson, Corona  
Carey R. Smith, Santa Ana  
Thomas Lovell, Long Beach  
Chas. H. Barker, Pasadena  
W. F. Wood, Glendale

Term expiring January, 1915:

G. F. Holt, D.D., Riverside  
Mattison B. Jones, Los Angeles  
J. H. Merriam, Pasadena  
D. K. Edwards, Los Angeles  
H. W. Geistweit, D. D., San Diego  
A. S. Phelps, D. D., Los Angeles  
Thomas B. George, Santa Barbara  
Weymouth Crowell, Los Angeles

# UNIVERSITY OF REDLANDS

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## OFFICERS OF THE BOARD

MATTISON B. JONES, President - . Los Angeles, Cal.  
Hellman Building, Fourth and Spring Streets.

T. C. ROSEBERRY, Vice-President . . Los Angeles, Cal.  
1071 Hoover Street.

J. W. CURTIS, Secretary . . San Bernardino, Cal.  
Seventh and E Streets

JASPER NEWTON FIELD, D. D., President of the University

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VICTOR L. DUKE, Treasurer . . . Redlands, Cal.

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## EXECUTIVE COMMITTEE

Mattison B. Jones  
Jasper Newton Field, D. D.  
J. W. Curtis  
T. C. Roseberry  
W. H. Fowler  
J. H. Merriam  
J. H. Strait

The regular meetings of the Board of Trustees are held the first Tuesday after the annual session of the Southern California Baptist Convention at one o'clock p. m., and in June on the date determined upon by the Board of Trustees.



# UNIVERSITY OF REDLANDS

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## Faculty

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JASPER NEWTON FIELD, D. D., President of the University,  
*Professor of Moral Philosophy.*

Graduate of Denison University. Graduate of the University of Chicago Divinity School. D. D. of his Alma Mater, 1909.

Residence, University Hill.

\*GEORGE D. KNIGHTS, A. M., D. D., Vice-President of the University, *Professor of English Literature.*

A. B., Colgate University, 1891; A. M., 1894.

Graduate student in English Literature, English Philology and Pedagogy in the University of Pennsylvania, 1895-97. Graduated from the Rochester Theological Seminary, 1900.

D. D., Shurtleff College, 1908.

University of Redlands, 1909—

Residence, Garden Street.

A. HARVEY COLLINS, A. B., Registrar, *Professor of History.*

A. B., Indiana University, 1890. University of California Summer School Sessions, 1903, 1906.

Superintendent of Schools, Hartington, Neb., 1890-1895. Bloomfield, Neb., 1895-6. Principal of Garfield School, Pasadena, Cal., 1896-1902. Supervising Principal, Redlands Grammar Schools, 1902-1906. Supervising Principal and Principal of Covina City and Union High Schools 1906-9.

Associate Professor of History, University of Redlands, 1909-11. Professor of History 1911—.

Residence, 216 E. Fern Avenue.

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\*Called to the pastorate of the First Baptist Church, Long Beach, Cal. Position to be filled for 1912-13.

# UNIVERSITY OF REDLANDS

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VICTOR L. DUKE, A.M., Treasurer, *Professor of Mathematics.*

A. B., Shurtleff College, 1897, A. M., 1903. University of Chicago Summer Sessions, 1898, 1899, 1900, 1901 and 1903.

Professor of Mathematics, Shurtleff College, 1897-1909.

University of Redlands 1909—.

Residence, 338 Chestnut Avenue.

JAMES W. KYLE, A. M., *Professor of Ancient Languages.*

A. B., Denison University, 1894. A. M., University of Chicago, 1900.

Student Royal Museum, Berlin, 1898. Member of American School of Classical Studies, Athens, Greece, 1898-99. Acting Professor of Greek, University of Missouri, 1900-01. Professor of Greek, William Jewell College, 1901-1909.

University of Redlands, 1909—.

Residence, 621 University Street.

S. GUY JONES, B. S., *Professor of Chemistry.*

B. S., Denison University, 1903.

Instructor in Science, High School, Piqua, Ohio, 1903-04. Instructor in Chemistry and Physics, Pillsbury Academy, Minn., 1904-09. Professor Chemistry and Physics, University of Redlands, 1909-12. Professor of Chemistry, University of Redlands, 1912—.

Residence, 110 Myrtle Street.

GEORGE ROBERTSON, A.B., *Professor of Biology and Geology.*

A. B., McGill University, Montreal, 1881. Graduate Congregational College, Montreal, Canada, 1882.

Instructor in Logic, St. Francis College, Richmond, Quebec, 1887. Instructor in Greek, Toronto, Canada, 1889-90. Private instructor in Botany and Geology, Redlands, California.

Instructor in Botany and Geology, University of Redlands, 1909-11. Professor of Biology and Geology, University of Redlands, 1911—.

Residence, 152 The Terrace.

# UNIVERSITY OF REDLANDS

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HERBERT E. WISE, A. B., *Professor of Philosophy and Sociology.*

A. B., University of Manitoba, 1892. Graduate of Newton Theological Institution, 1897.

Instructor in Philosophy and Economics, University of Redlands, 1910-11.

Professor of Philosophy and Sociology, University of Redlands, 1911—

Residence, 775 Linda Vista.

EDITH ABIGAIL HILL, A.B., *Associate Professor of Romance Languages.*

A. B., Leland Stanford Junior University, 1903. Student at the Sorbonne, Paris, 1903. Student University of Berlin, 1904. Student in Mexico, 1905. Student University of Madrid, 1909-10.

Instructor in Modern Languages, High School, Redlands, Cal., 1905-09.

University of Redlands, 1910—

Residence, 14 Clifton Avenue.

\*(——— ———,) *Professor of Physics*

ALICE M. WILLIAMS, A. M., *Instructor in English and Latin.*

Ph. B., Ottawa University, 1905. A. W., University of Redlands, 1911.

Teacher of History and German, High School, Chillicothe, Mo., 1905-8. Teacher of Latin and History, Hiawatha Academy, Hiawatha, Kansas, 1908-9. Bible School Organizer for State Baptist Convention of Kansas, 1909-10.

University of Redlands, 1911—

Residence, 114 Webster Street.

HERBERT B. HOLT, *Assistant in Academy Chemistry.*

Residence, Reavis Hall.

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\*Position to be filled for 1912-13



# UNIVERSITY OF REDLANDS

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## COLLEGE OF FINE ARTS

JASPER NEWTON FIELD, D. D., President of the University.

DON JOSE M. A. RODRIGUES, Dean, *Professor of Voice, General Repertoire and Bel Canto, and History of Music. Instructor in Italian.*

Student of Vannini and Vanuccini in Florence, Italy, and of Sbriglia, Paris, France. Student in Theory of Monti of the Milan Conservatory, Italy. Director of private conservatories in Florence, Italy; Washington, D. C.; and Redlands, California.

University of Redlands, 1909—.  
Residence, 932 E. Colton Avenue.

EDWARD CADORET HOPKINS, *Head of Instrumental Department. Professor of Piano and Organ. Instructor of Theory, Director of Orchestra and Choral.*

Student of H. J. Stewart, Mus. Doc., and Mme. Leonil Brandt, of San Francisco.  
University of Redlands, 1909—.  
Residence, 115 Center Street.

\*(——— ———,) *Professor of English.*

A. HARVEY COLLINS, A. B., *Professor of History, and Registrar.*

HERBERT E. WISE, A. B., *Professor of Philosophy. Instructor in Biblical Studies.*

EDITH ABIGAIL HILL, A.B., *Associate Professor of Romance Languages.*

F. B. GUNTHER, *Instructor of Violin.*

Studied for ten years in New York and other American cities. Student of Krauss. Private studio, Redlands, Cal.

University of Redlands, 1910—.  
Residence, 155 Fourth Street.

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\*Position to be filled for 1912-13.



# UNIVERSITY OF REDLANDS

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PAULINE STILES, Mus. Bac., *Instructor in Voice, Preparatory.*

Mus. Bac., University of Redlands, 1911.

University of Redlands, 1911—.

Residence, San Bernardino, California.

E. MAY RAUGHT, *Assistant in Piano, Preparatory.*

Residence, East San Bernardino Avenue.

\*IDA SCHULER KNIGHTS, *Instructor in Art.*

Art Student League, New York. Drexel Institute, Philadelphia.

Instructor in Art, Shurtleff College, 1906-09.

University of Redlands, 1909—.

Residence, Garden Street.

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\*Removed to Long Beach with her husband, Dr. George D. Knights.  
Position to be filled for 1912-13.

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†ROBERT L. GLOVER, *Director of Athletics.*

Pupil of L. J. Shantz. Student, Harvard University Summer School, 1909.

Physical Director, Y. M. C. A., Redlands, California., 1907-1910.

University of Redlands, 1910—.

Residence, 225 Michigan Street.

MRS. SUSAN B. HILLS, *Matron of Bekins Hall.*

Residence, Bekins Hall.

MRS. J. M. OGBORN, *Matron of Reavis Hall.*

Residence, Reavis Hall.

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†Accepted position of Physical Director, Y. M. C. A., Riverside, Cal.  
Position to be filled for 1912-13.

# UNIVERSITY OF REDLANDS

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## STANDING COMMITTEES

1912-13

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Athletics—

S. Guy Jones, J. W. Kyle, R. L. Glover.

Discipline—

President Field, V. L. Duke. H. E. Wise.

Dormitories—

V. L. Duke, H. E. Wise, George Robertson.

\*Grounds—

A. H. Collins, Geo. Robertson.

Library—

H. E. Wise, V. L. Duke.

Museum—

George Robertson.

Prizes—

J. W. Kyle.

Publications—

A. H. Collins, S. G. Jones, J. W. Kyle.

Schedule—

S. G. Jones, A. H. Collins, E. A. Hill.

Student Literary Activities—

E. A. Hill, A. H. Collins.

\*In conjunction with a committee of the Board of Trustees.

# UNIVERSITY OF REDLANDS

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## LECTURES—1912-13

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During the present year, 1911-12, the University of Redlands has been favored with a number of chapel addresses by distinguished men. During the year 1912-13, we are to be favored with addresses by the prominent men whose names appear below, subjects and dates to be arranged later:

Rev. Robert Jones Burdette, D.D., Pastor Emeritus of the Temple Baptist Church, Los Angeles.

Rev. Arthur S. Phelps, D.D., Pastor of the Central Baptist Church, Los Angeles Cal.

Mr. Kirke H. Field, Attorney, Redlands, Cal.

Rev. Wm. Bayard Craig, D.D., Pastor of the First Christian Church, Redlands, Cal.

Mr. Frederick C. Hornby, Attorney, Redlands, Cal.

Rev. Albert Hatcher Smith, D. D., Pastor of First Baptist Church, Pasadena, Cal.

Rev. Geo D. Knights, D. D., Pastor of First Baptist Church, Long Beach, Cal.

Mr. Halsey W. Allen, Attorney, Redlands, Cal.

Rev. Otto S. Russell, Pastor First Baptist Church, Santa Ana, Cal.

Rev. Frank B. Matthews, Pastor First Baptist Church, Redlands, Cal.

Rev. George Frederick Holt, D. D., Pastor First Baptist Church, Riverside, Cal.

Rev. J. Herndon Garnett, Pastor Baptist Church, Orange, Cal.

Rev. Nathan Dushane Hynson, D. D., Pastor First Presbyterian Church, Redlands Cal.

## Events of the Past Year

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The following are the important events which have occurred during the past year :

### Commencement Week

- June 11th Sunday—11 a. m. Baccalaureate Sermon by President Jasper Newton Field, D. D.  
4 p.m.—Vesper Service. Address by Rev. Geo. M. Lehigh, Pastor First Baptist Church, Long Beach.
- June 12th, Monday—7:30 to 10 p.m. Students' Annual Zanjafiesta.
- June 13th, Tuesday—8 p. m. Anniversary of the College of Fine Arts. Oratorio St. Paul. Department of Music.
- June 14th, Wednesday—10:30 a.m. Class Day Exercises of the Class 1910.  
8 p.m. President's Reception.
- June 15th, Thursday. Commencement Day — 10:30 a. m. Address by Rev. Cassius M. Carter, D. D., Pastor First Baptist Church, Los Angeles.  
Address and conferring of degrees by President Jasper Newton Field, D.D.  
1:15 p.m Second Annual College Dinner at the Casa Loma Hotel.
- September 21st, Thursday — 9 a.m. Opening of the third year of the University of Redlands. Address at chapel by Rev. Wm. H. Geistweit, D. D., Pastor First Baptist Church, San Diego, Cal.



# UNIVERSITY OF REDLANDS

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January 17th, Educational Day at the Baptist Convention of Southern California.

4 to 5 p.m. Reception to delegates by the Faculty at the President's Home.

8 p. m. Address before the convention, "Where? Whither? When?" President Jasper Newton Field, D.D.

January 10th—9 a.m. Chapel address, Frederick C. Hornby, Redlands, Cal.

January 18th—9 a. m. Chapel Address, "The Los Angeles Aqueduct," Mr. D. K. Edwards, Los Angeles.

January 22nd—University Day at the Contemporary Club, Redlands, Cal.

January 25th, Thursday—Day of Prayer for Colleges. Sermon by Dr. Galusha Anderson, Professor Emeritus, University of Chicago.

March 6th—9:20 a.m. Formal opening of the Reading and Social Room of the Young Men's Christian Association in the Administration Building.

March 12th, 13th, 14th and 15th, Series of Chapel Talks, "The Religion of a Collegian," Rev. H. C. Mabie, D.D., Boston, Mass.

March 20th— William George, Founder of the George Jr. Republic, New York.

## University of Redlands

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### HISTORICAL.

On the seventh day of December, 1906, the Baptists of Southern California, in Convention assembled in Berean Hall, Los Angeles, resolved to found and foster a high-grade, first-class Christian college. A committee of twenty-one representative men was appointed with power to act. To the satisfaction of the whole denomination the citizens of Redlands made an offer of \$100,000 and forty acres of land for the location of the school in their city, on condition that the Baptists of Southern California raise at least \$200,000 additional. The proposition was accepted and plans were immediately made for the state canvass. Under the leadership of Doctor Jasper Newton Field, then pastor of the First Baptist Church of Redlands, the canvass was begun on September 1st, 1907. At the convention held in Los Angeles in January, 1909, the assured success of the movement was announced and it was resolved that the canvass be continued until an additional \$200,000 was raised, giving the institution a total asset of \$500,000. This convention also instructed the Board of Trustees to choose Doctor Field as President of the new institution. This was formally done at the first regular meeting thereafter.

To the forty acres given by Redlands for a campus has since been added twenty-three acres, including the beautiful University Hill, now occupied by the Administration Building and the President's residence.

With the beginning of the first building the work of actualizing the institution may be said to have commenced. On September 29th, 1909, less than three years from the

# UNIVERSITY OF REDLANDS

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time of the inception of the movement, the institution threw open its doors to the public.

The University of Redlands was incorporated under that title in 1907. The movement was so full of promise for the future that the Trustees dared to call the institution a university, with the determination to make it such in the fullest sense of the word.

## LOCATION

Redlands, the home of the University, is a beautiful city of 11,000 inhabitants, situated sixty-six miles east of Los Angeles, in the heart of the best orange growing district in the world, and close to the eternal mountains, whose massive strength gives courage, whose grandeur gives inspiration, whose repose gives rest. The city is located at an altitude of about 1400 feet, which gives it as nearly an ideal climate as it is possible to find, sometimes touching the frost point in winter, warm in summer; but, even in the warmest summer months, always having cool and restful nights.

Flowers blossom all the year round and the finest fruits are always in season. The class of people who have made Redlands what it is, coming from all parts of the country, is thoroly cosmopolitan and is closely in touch with the latest thought and endeavor of the world. Redlands is a church going city, and with this sentiment thus dominant there is no saloon within her borders. In short, Redlands is a city of high moral tone and culture, justly deserving the name that has been given to it, "The Athens of Southern California." Many trains a day, steam and trolley, connect Redlands with Los Angeles and other nearby towns, the trip to Los Angeles taking two and one-half hours, through the orange groves and vineyards of the garden spot of the United States. Redlands can be reached directly via either



# UNIVERSITY OF REDLANDS

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the Southern Pacific or the Santa Fe railroads. It is also reached by the Salt Lake Route through San Bernardino and Interurban to Redlands.

The location of this place for an institution of higher learning, such as the University of Redlands, presents unusual opportunities for an ideal home life to parents desiring to have their children live at home while pursuing a college course.

## CAMPUS.

In a beautiful valley under the shadow of the "Everlasting Hills" the campus of the University of Redlands surely has an inspiring setting. Its sixty-three acres, under the skill of a landscape architect, aided by a beneficent climate, will in a short time become a spot of rare beauty. A special, and to many, a unique feature of the Campus is a regularly laid out and fruit bearing orange grove of 1500 trees, covering every slope of University Hill. With stately architecture to grace its green sward, winding drives, glowing flowers, and wrapt in the indefinable atmosphere which adds so much romance and charm to our Western land, the place itself will surely inspire with the highest ideals the sons and daughters who will throng its halls of learning.

## THE BUILDINGS.

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### ADMINISTRATION.

The main structure of the whole University scheme, the Administration Building, was completed in 1910. It is massive and monumental in character, a pure example of classic architecture, of the Ionic order. The exterior is faced with gray granite and with its massive columns and red tile



# UNIVERSITY OF REDLANDS

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roof harmonizes admirably with its majestic setting of mountain and valley.

While designed primarily as an administration building (containing the President's suite and offices of the Registrar and Treasurer), it is at present accommodating the recitation and laboratory work, embracing some sixteen recitation rooms, chemical and physical laboratories, lecture rooms, society halls, locker rooms, etc. The entire equipment is of the highest order, especial attention being paid to the ventilation and sanitary requirements.

## BEKINS HALL.

Bekins Hall, the gift of Mr. and Mrs. Martin Bekins of Los Angeles, was completed and occupied in October, 1910. The building is classic in architecture and absolutely fire proof in construction. It contains rooms for the accommodation of fifty young women, besides parlors, dining hall and kitchen, and a specially equipped laundry. Many of the rooms are connected with private baths. Ample verandas and a roof garden foster outdoor life.

It is so arranged and situated as to easily become a social center besides providing those comforts and conveniences not usually found in dormitory life.

## REAVIS HALL.

Reavis Hall is named in honor of Benjamin H. Reavis of Orange, Cal., whose generous gifts to the University have more than justified the naming of the young men's dormitory. The hall is a pleasant homelike structure, located in the borders of a beautiful orange grove and will accommodate eighteen students.

# UNIVERSITY OF REDLANDS

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## **PRESIDENT'S HOME.**

To the east of the Administration Building and forming the second of the group of three, proposed for University Hill, stands the new home of the President. This beautiful structure is largely the gift of Mrs. Julia A. Libby of Santa Ana, and harmonizes with the classical design of the other buildings of the campus.

## **GYMNASIUM.**

At the northeast corner of the Athletic Field stands the new gymnasium with a floor space 60 by 40 feet and containing apparatus and facilities for all indoor exercises and sports for both men and women.

## **ORGANIZATIONS.**

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### **Associated Student Body.**

The Associated Student Body is composed of all the students matriculated in the various colleges of the University and the Academy. Its officers are chosen by the student body from their own number. Regular meetings are held each month to deal with matters of general interest to all students.

### **Athletic Association.**

A thoroly organized and live Athletic Association, to which every student is expected to belong, is maintained. Each year this association has presented athletic "R's" to those members of the teams who distinguished themselves.

# UNIVERSITY OF REDLANDS

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## SOCIETIES AND CLUBS.

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### Pi Kappa Chi

The young ladies of the University maintain the Pi Kappa Chi literary society for literary and social development. The membership is limited, hence coveted. Meetings are held on alternate Thursday afternoons. This society is proving of great pleasure and profit to its members.

### Debating Council.

For the purpose of acquiring practice and skill in debating and oratory a body of the young men, limited to twenty-five, organized the Debating Council. Intercollegiate debaters and oratorical contestants are chosen from this society.

### Christian Associations

Branches of the College Departments of the Young Men's Christian Association and the Young Women's Christian Association are doing active and effective work. Each association holds a weekly prayer meeting. Representatives from the societies are sent to the Bible and General Conferences for Colleges. The good effect of these Christian organizations is very marked in the life of the student body. Every encouragement and assistance is given these organizations by the faculty.

### The Choral Union

The Choral Union is composed of those of the student body who are musically inclined. The union is under the direction of Professor Hopkins and is designed to give drill in general chorus work and, by means of talks and



# UNIVERSITY OF REDLANDS

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lectures, to give the members a knowledge of the historical and cultural value of music.

## **German Club**

In February, 1910, the German Club was organized under the direction of Professor Hill, and meets fortnightly. The club chooses its own officers and has as one of its regulations, "no language but German for one hour." Besides the social feature the benefits of the club are seen in a better pronunciation and understanding of the German language.

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## **COLLEGE PUBLICATIONS**

The University of Redlands publishes a quarterly bulletin one of which is the annual catalogue. The other three are devoted to special studies and reports of officers and other matters of importance.

## **Student Publications**

The Spectrum, a monthly magazine published by the Associated Student Body through an elected staff, is an exponent of the student life and activities of the University.

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## **Colors**

The official colors of the University of Redlands are Maroon and Silver Gray.

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## **PHYSICAL EDUCATION**

Recognizing the value of physical culture and general athletic work, much attention has been given to a suitably equipped gymnasium and athletic field.



# UNIVERSITY OF REDLANDS

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The gymnasium is furnished with modern apparatus of the newest and most approved design. It is open to both men and women who have separate lockers and baths and use the building at different periods during the day.

The course consists of calisthenics, light gymnastics, Swedish and German gymnastics, gymnastic games, heavy gymnastics, athletic games and track and field athletics. In calisthenics special attention is paid to simple, rhythmic movements for the cultivation of grace in form and bearing. Exercises executed with light portable pieces of apparatus, such as wands, dumb-bells and Indian clubs, give opportunity for suitable work in light gymnastics. Such forms of exercise together with gymnastic games, such as basketball, hand ball, volley ball and center ball give opportunity for all those who are not fitted for the more violent work. Heavy gymnastics are especially valuable in the cultivation of physical carriage, self-possession, quick sense of perception and a rapid and responsive exercise of judgment. Many of these exercises, somewhat modified, may be practiced by the women. The usual forms employed are vaulting horse, vaulting buck, high parallels, horizontal bar, long horse, parallel bars, vaulting bar, flying rings, tumbling and mat exercise. Boxing and similar forms of physical training such as fencing, wrestling, etc., can be had at any time if there are a sufficient number wishing to take the work.

Freshman and Sophomore students are required to take two hours per week of either gymnastics or athletics.

## Athletics

Athletics occupy the usual important place in the schedule and the organized football, basketball and baseball teams have done very creditable work this past year. Reinforced by good material we expect soon to take an equal stand among the colleges of the southland.



**College of Liberal Arts**





College of Liberal Arts

ADMISSION

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Every student, unless he brings a certificate of proficiency from an accredited school, shall before entering any class in the collegiate department, be examined upon the following subjects required for entrance:

FIXED ENTRANCE REQUIREMENTS

LEADING TO A. B. COURSE.

English.....	2	units
Mathematics.....	2½	units
History .....	1	unit
Physics or Chemistry.....	1	unit
Latin.....	4	units
Greek.....	2	units
Elective .....	2½	units
<hr/>		
Total.....	15	units

LEADING TO PH. B. COURSE.

English.....	2	units
Mathematics.....	2	units
History .....	1	unit
Physics or Chemistry.....	1	unit
Foreign Languages.....	2	units
Elective .....	7	units
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Total .....	15	units

# UNIVERSITY OF REDLANDS

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## LEADING TO B. S. COURSE.

English.....	2	units
Mathematics.....	2½	units
History .....	1	unit
Physics.....	1	unit
Chemistry .....	1	unit
Foreign Languages.....	4	units
Other Sciences.....	1	unit
Elective .....	2½	units

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Total.....15 units

In the list of subjects enumerated above the term unit is employed to signify the amount of preparatory work done in a given subject during a school year, the class meeting at least four hours of sixty minutes each per week.

## ADMISSION BY CERTIFICATE

Graduates of approved high schools or academies will be given credit for any of the subjects listed below in which they are recommended. Blanks for such recommendation will be furnished on application to the Registrar and it is expected that all applicants for admission, without examination, will use them.

In the list of admission subjects enumerated below the term unit is understood to represent five recitations per week of forty-five minutes each, or four recitations per week of sixty minutes each throughout one school year. A detailed description of the essential subjects here named will be found on the pages following.

- |  |   |       |
|--|---|-------|
| 1. English, Elementary .....             | 2 | units |
| 2. English, Advanced, (Third Year) ..... | 1 | unit  |
| 3. English, Advanced, (Fourth Year)..... | 1 | unit  |
| 4. Algebra, Elementary .....             | 1 | unit  |
| 5. Algebra, Advanced.....                | ½ | unit  |
| 6. Plane Geometry.....                   | 1 | unit  |

# UNIVERSITY OF REDLANDS

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7. Solid Geometry.....	1½	unit
8. Plane Trigonometry.....	1½	unit
9. Ancient History .....	1	unit
10. Mediaeval and Modern History .....	1	unit
11. English History.....	1	unit
12. History and Gov't of U.S.....	1	unit
13. Economics .....	1½-1	unit
14. Latin, Elementary and Caesar.....	2	units
15. Cicero and Latin Composition.....	1	unit
16. Vergil and Latin Composition .....	1	unit
17. Greek, Elementary and Xenophon .....	2	units
18. Homer and Greek Composition.....	1	unit
19. German, Elementary .....	2	units
20. German, Intermediate.....	1	unit
21. German, Advanced .....	1	unit
22. French, Elementary.....	2	units
23. French, Intermediate .....	1	unit
24. French, Advanced.....	1	unit
25. Spanish.....	2	units
26. Physics .....	1	unit
27. Chemistry.....	1	unit
28. Botany .....	1	unit
29. Zoology .....	1	unit
30. Physiology .....	1	unit
31. Physical Geography.....	1	unit
32. General Science.....	1	unit
33. Free-hand Drawing.....	1	unit
34. Geometrical Drawing.....	1	unit
35. Industrial Arts.....	1½	unit
36. Agriculture.....	1½-1	unit
37. Music.....	1½-1	unit

Half units will be accepted only when presented in addition to a whole unit in the same subject or in closely allied subjects, such as economics and history.

One year of a foreign language will not be accepted until supplemented by an additional year of the same language in the Academy of the University of Redlands.

Students who can present thirteen units in the subjects

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required for entrance for any degree will be classified conditionally as Freshmen. But no student will be advanced to Junior standing until all entrance subjects and all the requirements of the Freshmen and Sophomore years are completely fulfilled.

## ENGLISH

It is expected that every student will have a knowledge of English grammar and the elements of rhetoric and be able to write correct English.

## REQUIREMENTS FOR STUDY

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and the *Passing of Arthur*; Burke's speech on *Conciliation with America*; or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*; or Carlyle's *Essay on Burns*.

## REQUIRED FOR READING

### Group 1 (two books to be selected)

Shakespeare's *As You Like It*, *Henry V*, *Julius Caesar*, *The Merchant of Venice*, *Twelfth Night*.

### Group 2 (one book to be selected)

Bacon's *Essays*, Bunyan's *The Pilgrim's Progress*, Part I; The *Sir Roger de Coverley Papers* in the "Spectator"; Franklin's *Autobiography*.

### Group 3 (one book to be selected)

Chaucer's *Prologue*; Spencer's *Selections from The Faerie Queene*; Pope's *The Rape of the Lock*; Goldsmith's *The Deserted Village*; Palgrave's *Golden Treasury* (First Series) Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.



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## Group 4 (two books to be selected)

Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*, *Quentin Durward*; Hawthorne's *The House of the Seven Gables*; Thackeray's *Henry Esmond*; Gaskell, *Cranford*; Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

## Group 5 (two books to be selected)

Irving's *Sketch Book*; Lamb's *Essays of Elia*; De Quincey's *Joan of Arc and the English Mail Coach*; Carlyle's *Heroes and Hero Worship*; Emerson's *Essays* (selected); Ruskin's *Sesame and Lilies*.

## Group 6 (two books to be selected)

Coleridge's *The Ancient Mariner*; Scott's *The Lady of the Lake*; Byron's *Mazeppa and the Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book VI, with especial attention to Wordsworth, Keats and Shelley; Macaulay's *Lays of Ancient Rome*; Poe's *Poems*; Lowell's *The Vision of Sir Launfal*; Arnold's *Sohrab and Rustum*; Longfellow's *The Courtship of Miles Standish*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Evelyn Hope*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *The Boy and the Angel*, *One Word More*, *Herve Riel*, *Pheidippides*.

## AMERICAN HISTORY AND CIVIL GOVERNMENT

A knowledge of the leading facts in American history and a practical familiarity with the main topics in the constitutional and political organization. Channing's *Student's History of the United States*; American

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History, James and Sanford; Hart's Essentials in American History, or equivalent. For civil government, Ashley's American Government, or equivalent.

One unit.

## MATHEMATICS

In Elementary Algebra an equivalent of four recitations of sixty minutes each, throughout one school year is necessary for entrance to the Academy of the University. In addition to the presupposed Elementary Algebra, Mathematics A and B (see explanation of courses under Mathematics) are required for entrance to the Freshman Class. Mathematics C is required for entrance of those who are candidates for the A. B. or B. S. degree. Mathematics D, although elective, is highly recommended to those students who contemplate continuing their scholastic training. If there are students who have the required number of units in Mathematics for entrance, but have not had Intermediate Algebra, they will be required to take Mathematics "C," Academy, and will receive three hours college credit for the same. Any student may elect Mathematics "D," Academy, and receive three hours college credit for satisfactory completion of the same.

## LATIN—ELEMENTARY

Moulton's Introductory Latin, or the equivalent, with outside reading.

One unit.

CÆSAR, Gallic War, Books I-IV, with review of grammatical forms and syntax and Latin composition.

One unit.

CICERO, seven orations, or six orations and twelve letters. Weekly exercises in Latin composition. Daily practice in reading Latin to secure fluency and expression. Special studies on the life and times of Cicero.

One unit.

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VERGIL, Aeneid. Books I-VI.

Exercises in metrical reading of the text, systematic study of Vergil's spirit, style and grammatical idioms.

One unit.

## GREEK—ELEMENTARY

Drill in pronunciation, inflection, syntax and composition with elementary book. Reading in Anabasis of Xenophon. One unit.

## XENOPHON—Anabasis—Books I-IV

Translation and constant reading of the Greek. Review of forms and syntax. Recomposition of text, sight reading in Greek New Testament. One unit.

NOTE:—For the present the courses in Elementary Greek and Xenophon, if taken in this institution, will receive college credit as electives at the rate of three hours per semester.

## FRENCH—ELEMENTARY

Special attention to reading and pronunciation. Fraser and Squair's French Grammar and such readings as *Le Voyage de M. Perrichon*, *La Mare au Diable*, *La Mere Michel et Son Chat*. Two units.

## INTERMEDIATE

Rapid review of grammar. Much attention paid to the ability to speak with correct accent. Rapid reading of plays and short stories of such writers as Hugo and Dumas. One unit.

## GERMAN—ELEMENTARY

Grammar and composition, reading of easy texts; Joynes-Meissner's German Grammar with *Altes and Neues*, *Der Process*, *Nein*. Two units.

## INTERMEDIATE

Composition and conversation. Reading of Schiller, Lessing and Goethe. One unit.



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## CHEMISTRY—ELEMENTARY

Recitation and laboratory course in Chemistry, which is a foundation for higher courses in this department. The laboratory notebook is required for credit. One unit.

## PHYSICS—ELEMENTARY

Recitation and laboratory course which is a prerequisite for the subsequent courses in Physics. The laboratory notebook is required for credit. One unit.

## ADVANCED STANDING

If a student applying for entrance to the University can present more than the fifteen units required he may be granted advanced standing in the extra studies presented, upon the recommendation of the head of the department in which such advanced credits are sought, the head of the department reserving the right to examine the applicant before making the recommendation.

Credit without examinations for work done in other institutions will be granted only upon receipt of a satisfactory certificate mailed to the Registrar of the University by the proper official of the institution in which the work was done.

A student from another institution of equal scholastic rank may be admitted to advanced standing in the University upon presentation to the committee having charge of credits satisfactory evidence of having completed the work claimed, together with a certificate of honorable dismissal.

Students failing to satisfy any of the above requirements for admission may be received as "conditioned," but such conditions must be removed before said students are admitted to the Junior Class.



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## MATRICULATION AND REGISTRATION

On or before the designated registration days in September and February, each student must obtain from the Registrar an enrollment card upon which the student, after conferring with the Registrar, shall indicate the courses selected for the semester. The Registrar will then issue to the student a statement of the regular and special fees for such courses. The student must present his enrollment card to each professor, under whom he expects to take work, for enrollment and secure the instructor's signature to the same. The card must be filed with the Registrar within one week after the designated registration day. Late filing of an enrollment card must be accompanied by a special fee of one dollar. Students are urged to register on the designated registration days. Absences from classes are counted from the day on which instruction begins, and these absences incur the penalties stated elsewhere in the catalog.

## GENERAL REQUIREMENTS AND REGULATIONS

Candidates for degrees will be required to recognize the sequence of courses in selecting their work, unless excused by the Faculty.

Persons not candidates for any degree may be admitted to the University as special students, provided they be of mature age and give to the Faculty satisfactory evidence that they are properly qualified to do work creditably and with profit.

Special students may select their studies without reference to the sequence of courses, but otherwise be subject to the general regulations governing the student body. Such students may at any time become candidates for degrees by conforming to the regular entrance requirements.

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No student who has registered for regular work can change his status to that of a special without permission of the Faculty.

No student will be permitted to drop a study later than two weeks after the beginning of the semester without the consent of the Faculty.

A student absenting himself from more than one-fifth of the recitations in any subject during a given semester shall be barred from examination and credit in said subject unless excused by the Faculty.

A student having three unexcused absences in any one subject is debarred from all college work until he has made satisfactory arrangements with the instructor under whom the absences were made. Two unexcused tardinesses are counted as one absence.

A student receiving a "condition," that is, a grade between 49% and 59%, in any course, may not receive credit in that course until he shall have passed another examination to the satisfaction of the instructor. Such examination must be taken before the close of the semester first following that in which the condition was received. Otherwise the student shall be required to take the course again in regular manner when next presented.

A student withdrawing from the University before the work of any semester has been completed shall thereby forfeit all credits for that semester; but at the discretion of the instructor such student, upon returning to college, may resume a subject at the point dropped and carry it to completion.

The regular work of the student calls for fifteen hours in the class room each week. Without special permission of the Faculty no regular student shall take less than twelve hours nor more than eighteen.

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Each student must take a final examination before receiving credit in any course, except that in the second semester a student ready to receive a degree or diploma shall not be required to take an examination in those courses in which his daily grade for that semester is 90% or above.

## HONORS

Honors, as follows, will be awarded at graduation for excellence in scholarship:

“Honorable Mention” will be made of those students whose work for the entire course, just completed, whether in Academy, College of Liberal Arts, or College of Fine Arts, averages “A,” and who have not fallen below the grade of “B” in any study.

Students receiving honorable mention shall have their names enrolled upon the University records as having won such honors, and the fact shall be noted upon their diplomas, announced upon Commencement Day and published in the next annual catalog.

## PRIZES

Several prizes have been offered by friends of the University for excellence in rhetorical work during the year 1911-12.

For the best oration delivered by a member of the Junior or Senior Class at their annual contest a gold medal is offered by the President of the Board of Trustees of the University, Mr. Mattison B. Jones of Los Angeles.

For the best declamations presented at the Sophomore contest in declamations a first prize of \$15 and a second prize of \$10 are offered by Mr. Carey R. Smith of Santa Ana.

For the best declamations presented at the Freshman contest in declamation a first prize of \$15 and a second prize of \$10 are offered by Dr. Geo. D. Knights of the University of Redlands.



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## SCHOLARSHIPS

A number of scholarships have been endowed by friends of the University, the income derived from such funds being devoted to defraying the tuition fees of those students to whom the scholarships are awarded.

\$1500 endows a perpetual scholarship. Where the donors do not themselves award the scholarships, it is left with the authorities of the University to assign them. Conduct and scholarship are taken into consideration in the continued assignments of scholarships to matriculated students.

Particulars regarding scholarships may be obtained by addressing the President of the University.

## ACCREDITING

The University of California has already given credit, and has officially assured us that full credit will be accorded students of our Lower Division applying for admission to the University of California, providing the work with us is of a distinctly high grade.

Leland Stanford Jr. University has officially assured us of the same recognition.

## STUDENT HELP

A regular bureau will be maintained to assist students who desire work to defray a part of their expenses. Inquiries regarding this matter should be addressed to the President of the University, or to the Registrar.

## DORMITORIES, ROOM AND BOARD

In the Bekins Hall for women and the Reavis Hall for men accommodation is provided for a limited number of students. A thoroly competent matron in charge of



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the dormitory for women and an instructor or matron residing in that for men give assurance of adequate control. In both the halls it will be the purpose of the administration to approximate the home life as closely as possible.

Students unable to secure accommodations in the halls or desirous of securing rooms and board elsewhere, may obtain from the Registrar a list of approved locations. Students will be permitted to room only in places approved by the Faculty.

For cost of rooms and board see Expenses.

EXPENSES

It is believed that the expenses at this institution are as low as is consistent with the high character of the work done. The following schedule will serve to indicate the principal items:

Tuition per semester, payable in advance:	
College of Liberal Arts.....	\$50.00
Academy.....	37.50
Matriculation Fee:	
College of Liberal Arts, and Fine Arts.....	\$ 5.00
Academy.....	3.00
Laboratory Fees:	
College Chemistry, for each course, per semester.....	\$ 8.00
Academy Chemistry, for each course, per semester.....	5.00
A deposit of five dollars (\$5.00) is required in Chemistry to cover breakage. This deposit, less cost of breakage, is refunded at the end of the year.	

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## Physics—

College Physics, for each course, per semester..\$ 8.00

Academy Physics, for each course, per semester..... 3.00

No breakage deposit is required in Physics, but an account is kept of all breakages and a charge is made therefor.

Students preparing for the ministry and children of ministers and missionaries will be granted a discount of 50 per cent in tuition fees for regular work in the Academy and the College of Liberal Arts.

Special attention is called to the fact that the charge for tuition includes gymnasium, library, graduation and all incidental fees other than the matriculation fee and those connected with the laboratory work.

No student may attend classes for more than one week without having made satisfactory arrangements with the treasurer concerning all moneys due the University.

## DORMITORY EXPENSES

The larger number of the dormitory rooms are arranged for two in a room, being furnished with two beds and in some of the rooms two closets.

The beds are single and provided with mattresses 6 ft. 2 in., by 3 ft , and pillows 23 by 30 inches.

Each student is expected to furnish bed clothing, four sheets and four pillow cases of proper sizes, also both hand and bath towels.

### Rooms and Board at the Dormitories:

Two in a room, per month.....\$27 each

Two in room with private bath, per month, \$30 each

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When paid by the semester in advance \$105 and \$115 respectively. Of this sum \$20 per month is reckoned for the board and the balance as room rental. In case a student desires to room alone in one of the double rooms, a half more will be added to the room rental.

The necessary expenses, including room, board, tuition, books and laundry, will average about \$350 or \$375 for the year.

Rooms in the dormitory may be reserved at any time for 1912-13 by a deposit of five dollars with the University. This deposit will be deducted from the charges of the first month.

## LIBRARY

The library of almost 2000 volumes and several hundred unbound pamphlets, contains especially well selected works on History, English and Modern Languages.

Many valuable books and sets have been given by generous friends of the University.

Moreover, through the courtesy of the A. K. Smiley Public Library of Redlands, with 22,000 volumes, the University Library is a depository, throughout the college year, for such books as the different departments may from time to time require.

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REQUIREMENTS FOR GRADUATION

No student shall be permitted to graduate from the University who has not credit for at least 120 units and who has not taken at least one year of the regular work at the University.

The required work leading to the different degrees is as follows:

BACHELOR OF ARTS

English .....	12 hours
Mathematics .....	6 hours
History .....	10 hours
Economics .....	3 hours
Philosophy .....	9 hours
Modern Languages .....	6 hours
Science .....	8 hours
Ancient Languages .....	18 hours
Total required .....	72 hours
Electives .....	48 hours
Total .....	120 hours

BACHELOR OF PHILOSOPHY

English.....	12 hours
History .....	6 hours
Economics .....	3 hours
Philosophy .....	9 hours
Foreign Languages .....	6 hours
Science .....	4 hours
Total required .....	40 hours
Electives .....	80 hours
Total .....	120 hours



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BACHELOR OF SCIENCE

English .....	9 hours
Mathematics .....	12 hours
History.....	6 hours
Economics .....	3 hours
Philosophy .....	9 hours
Modern Languages .....	12 hours
Physics .....	8 hours
Chemistry.....	8 hours
Other Science .....	6 hours
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Total required .....	73 hours
Electives .....	47 hours
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Total.....	120 hours

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## GRADUATE WORK

The secondary degrees of A. M. and M. S. will be awarded for one year's residence work in addition to that required for the degrees of A. B., Ph. B. or B. S. Candidates for the Master's degree shall select a major department in which he must do two-thirds of his work under the direction of the professor in charge of that department. The remaining one-third of the work required shall be taken in some other department or in not more than two others. Upon the completion of the year's study the candidate must pass an examination upon the subjects taken, such examination to be written, or written and oral, conducted by the instructors in the departments in which the candidate has taken his work and a visiting professor chosen from some other department by the President.

In addition to the residence work and the examination, as above indicated, the candidate shall prepare a thesis representing the results of original investigation on some subject suggested by the professor in charge of the major department. This thesis must show independent investigation and be clothed in such language as will demonstrate the candidate's ability to properly handle such material.

## Departments of Instruction

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### MORAL PHILOSOPHY

*President J. N. Field, Professor*

#### I. CHRISTIAN EVIDENCES

In dealing with Christianity as the fundamental postulate in a philosophy of life, the student is introduced to the basic elements in our faith. Outside readings and lectures give opportunity for dealing with difficulties which may arise in the mind of the student.

Required of Freshmen.

Two hours per week, first semester.

### PHILOSOPHY AND SOCIAL SCIENCE

*Herbert E. Wise, Professor*

#### II. PSYCHOLOGY

This course is an introduction to the general field of psychology, dealing with the more fundamental processes, and supplemented by collateral reading and individual inquiry.

Required of Juniors.

Four hours per week, first semester.

#### III. LOGIC

The general principles of deductive and inductive logic are studied with the purpose of applying them, whenever possible, to practical problems.

Elective to Juniors and Seniors.

Three hours per week, second semester.

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## IV. HISTORY OF PHILOSOPHY

A study of the chief systems of thought, both ancient and modern. The text will be supplemented by special investigations.

Elective to Juniors and Seniors.

Four hours per week, first semester.

## V. ETHICS

The course is designed to give the student an opportunity to familiarize himself with the principles of ethical science. A study is made of the origins and guides of action and the principles of morals.

Required of Seniors.

Three hours per week, second semester.

## VI. HISTORY OF ETHICS

A brief yet comprehensive survey of Greek, Greco-Roman, Christian, Mediaeval and Modern Ethics.

Elective to Juniors and Seniors.

Two hours per week, second semester.

## SOCIOLOGY

### I. GENERAL SOCIOLOGY

A study of the general principles governing social organization with special reference to conditions as they exist in the United States.

Open to Juniors and Seniors, Elective.

Three hours per week, first semester.

## ECONOMICS

### I. ECONOMICS

An introductory course in political economy. Readings, reports and special studies to accompany work from text.

Required of Juniors.

Three hours per week, second semester.



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## BIBLICAL STUDIES

*Herbert E. Wise, Instructor.*

- I. A study of the Life of Christ. Effort will be made to familiarize the student with the most significant events in the life of Christ as related in the gospels.  
Elective to Freshmen and Sophomores.  
Two hours per week, first semester.
- II. An Introduction to the books of the New Testament. Due consideration will be given to the characteristic features of the individual books and their mutual relations; special emphasis, however, will be given to the life and labors of the apostle Paul.  
Elective to Freshmen and Sophomores.  
Two hours per week, second semester.
- III. A Study of the Social and Ethical Teachings of Jesus and their application to modern life.  
Elective to Juniors and Seniors.  
Two hours per week, first semester.
- IV. A study of select portions of the Old Testament, embracing its historical development, prophetic messages and devotional literature.  
Elective to Juniors and Seniors.  
Two hours per week, second semester,

## HISTORY

*A. Harvey Collins, Professor.*

- I. GENERAL MEDIEVAL  
A survey of the leading events in European History from about 350 to 1500 A. D., with special reference to the development of the great institutions both of

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Church and State, following the work as outlined by Trenholme's Syllabus for the History of Western Europe. Text, lectures, collateral readings, preparation of maps and papers.

Required of Sophomores.

Open to all students.

Three hours per week, first semester.

## II. MODERN EUROPE

Continuation of History I. Schwill's Political History of Modern Europe is used as a text book, and, as in the preceeding course, the text is supplemented by collateral reading, special reports and maps. Open to students who have had History I or equivalent.

Required of Sophomores.

Three hours per week, second semester.

## III. AMERICAN COLONIAL HISTORY

A Study of early American history from 1492 to 1783. The discovery, exploration, founding and development of the English Colonies. The American Revolution. Text, lectures, papers, maps. The work is based on Fisher's Colonial Era, Thwaites Colonies and other texts.

Open to all students.

Required for graduation from A. B. course.

Two hours per week, first semester.

## IV. AMERICAN EXPANSION

Expansion of the American people, along territorial, social and industrial lines. Based upon Sparkes' The Expansion of the American People, with much collateral reading and preparation of papers and maps.

Open to all students, who have had History III or equivalent.

Two hours per week, second semester.

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## V. HISTORY OF THE UNITED STATES

Political, social and institutional development of the United States 1783-1913. Lectures, reports, investigations and comparisons.

Texts—Fiske's Critical Period, Hart's Formation of the Union, Wilson's Division and Reunion, Burgess' Middle Period, and others.

Open to all students who have had History III or equivalent. Primarily for advanced students.

Three hours per week, first semester.

## VI. HISTORY OF THE UNITED STATES

Continuation of History V.

Three hours per week, second semester.

## VII. ENGLISH HISTORY

This course is planned so as to cover the principal features of English History. Special attention will be paid to the constitutional phases and to England's colonial policy and expansion. Text, A History of Great Britain—Tout.

Open to all students.

Three hours per week, first semester.

## VIII. ENGLISH HISTORY

Social and Industrial History of England. Text supplemented by lectures, reports and collateral reading. Prerequisite, History I and II or VII. Elective.

Three hours per week, second semester.

## IX. HISTORY OF THE PACIFIC SLOPE

A special lecture course from syllabus, together with investigations and reports.

Prerequisite, History III and IV. Elective.

One hour per week, first semester.



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## X. HISTORY OF THE PACIFIC SLOPE

Continuation of History IX. Elective.

One hour per week, second semester.

## XI. THE REFORMATION

A detailed study of the Protestant Reformation. An attempt will be made to discover the causes leading to the movement and the immediate and ultimate results, as well as to trace the current of events.

Prerequisite, History I and II or VII. Elective.

Three hours per week, first semester.

## XII. GOVERNMENT

A study of the development and fundamental principles of governments with especial emphasis on that of the United States. Based on Wilson's, *The State*.

Elective.

Three hours per week, second semester.

## XIII. NINETEENTH CENTURY EUROPE

Beginning with the general peace secured by the Congress of Vienna this course will deal with the new political, social and international problems that characterized the nineteenth and the beginning of the twentieth centuries.

Prerequisite, History I and II. Elective.

Three hours per week, first semester.

## XIV. INTERNATIONAL RELATIONS

This course is designed to familiarize the student with the leading principles of international law, special attention being given to some of the more important diplomatic questions that have presented themselves to our own statesmen.

Open to Juniors and Seniors. Elective.

Two hours per week, second semester.

NOTE—Any elective course in history may be withdrawn if not elected by a sufficient number.



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## ENGLISH

*Geo. D. Knights, Professor*

### I. RHETORIC

In this course a text will be used that emphasizes the nicer discriminations in composition, writing of themes and much illustration from best prose writers.

Required of Freshmen.

Three hours per week, first semester.

### II. HISTORY OF AMERICAN LITERATURE

The development of American Literature from the earliest period will be studied. There will be considerable reading of the works of authors mentioned in the text book.

Required of Freshmen.

Three hours per week, second semester.

### III. HISTORY OF ENGLISH LITERATURE

The development of English literature will be rapidly traced. Selections from most notable authors will be read.

Required of Sophomores.

Three hours per week, first semester.

### IV. HISTORY OF ENGLISH LITERATURE

Continuation of English III.

Required of Sophomores.

Three hours per week, second semester.

### V. NINETEENTH CENTURY PROSE

The great prose writers, other than novelists, of this period will be studied.

Elective for Freshmen and Sophomores.

Three hours per week, first semester.

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## VI. ARGUMENTATION

This course will include the study of the principles of debate.

A text book will be used, and the principles acquired will be put into practice in the preparing of briefs, and in frequent class debates.

Elective for Freshmen and Sophomores.

Two hours per week, second semester.

## VII. ELIZABETHAN DRAMA

The history of the drama and its technique will be studied in connection with much reading of the great plays of the period.

Elective for Juniors and Seniors.

Three hours per week, first semester.

Not offered 1912-13.

## IX. THE ENGLISH NOVEL

The evolution of the English Novel will be noted. Much illustrative reading of the novelists will be required.

Elective for Juniors and Seniors.

Three hours per week, first semester.

## X. THE ROMANTIC MOVEMENT

This course will consist of studies in the poetry of Wordsworth, Shelley, Coleridge and Keats.

Elective for Juniors and Seniors.

Three hours per week, second semester.

## XI. ANGLO-SAXON

A careful study of the Anglo-Saxon grammar with the reading of considerable Anglo-Saxon prose.

Elective for Sophomores and Juniors.

Three hours per week, first semester.

## XII MIDDLE ENGLISH

This will give opportunity for the reading of a great

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deal of the literature of this period. It is desirable that course XI should precede this course.

Elective for Sophomores and Juniors.

Three hours per week, second semester.

## PUBLIC SPEAKING

During the year Freshmen and Sophomors will prepare and deliver selections from best orations, or from dramatic prose or verse. Juniors and Seniors will write and deliver one oration each year.

## ANCIENT LANGUAGES

*James W. Kyle, Professor*

A minimum of eighteen hours in Latin or Greek is required for the A. B. degree. These may be selected at pleasure from the following twelve courses. Elective for the Ph. B. and B. S.

### LATIN

#### I. CICERO: *De Senectute and De Amicitia*

Review of forms and syntax. Discussion of the life and thought of Cicero and the sources of his philosophy.

Three hours per week, first semester.

#### II. HORACE: *Selections from Odes, Satires and Epistles.*

Will be read metrically to secure ease and fluency in the Latin. Parallel passages from Greek and English poets. Discussion of the spirit and art of Horace.

Three hours per week, second semester.

#### III. LIVY: *Selections from Books I, II, III, V, VIII*

Lectures on the history of Rome. Discussion of the style and rhetorical methods of Livy.

Three hours per week, first semester.

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## IV. TACITUS: *Annals*

Systematic study of the style of Tacitus. Comparison with Livy and Thucydides. Lectures on the life and times of Tacitus.

Three hours per week, second semester.

## V. PLAUTUS: *Captivi, Trinummus and Rudens*; TERENCE: *Andria*

Metrical reading. Lectures on Latin Comedy and the the Greek Theatre.

Three hours per week, first semester.

## VI. LUCRETIVS; CATULLUS; TIBULLUS; *Selections*

Metrical reading, lectures and critical essays on the Latin poets.

Three hours per week, second semester.

## GREEK

### I. LYSIAS: *Selected Orations*

Exercises in recomposition of the text. Analysis of style of Lysias. Lectures on the Greek orators.

Three hours per week, first semester.

### II. HOMER: *Iliad, Selections*

Study of forms from text and from Sterrett's Dialect of Homer. Metrical reading of the Greek. Lectures on the Homeric Poems as literature.

Three hours per week, second semester.

### III. LUCIAN: *Selected Dialogues*

Exercises in recomposition. Required reading of other dialogues in translation. Lectures on the Greek rhetoricians.

Three hours per week, first semester.



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## IV. PLATO: *Apology, Crito and part of the Phaedo*

Discussion of the life teachings of Socrates. Reading and reviews of the *Gorgias*, *Symposium* and *Republic* of Jowett's translation.

Three hours per week, second semester.

## V. EURIPIDES: *Iphigeneia in Tauris*; ARISTOPHANES: *Clouds*

Discussion of the plot and characters. Lectures on the Greek theatre. Study of the various metres and exercises in metrical reading.

Three hours per week, first semester.

## VI. DEMOSTHENES: *Oration on the Crown*

Analysis of the style of Demosthenes. Supplemented by readings by Dionysius, and select passages from Hyperides, Isaeus, Aeschines and Isocrates.

Three hours per week, second semester.

## VII. GREEK LITERATURE IN ENGLISH

Lectures on the history of Greek Literature accompanied by class work in Wright's Manual. Required reading of three Greek Authors per semester in the best translations, with critical review of each. The power to criticise independently and appreciate reasonably a work of literary art is sought in this course as well as some direct and personal acquaintance with the literature of Greece.

Three hours per week, first semester. Elective.

## VIII GREEK LITERATURE IN ENGLISH

Continuation of Greek VII.

Three hours per week, second semester. Elective.

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## FRENCH

*Edith A. Hill, Associate Professor.*

### I. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable for the grade of work required will be read.

Four hours per week, first semester.

### II. CONTINUATION OF FRENCH I.

Four hours per week, second semester.

### III. SECOND YEAR FRENCH

Rapid Review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year.

Three hours per week, first semester.

### IV. CONTINUATION OF FRENCH III

Three hours per week, second semester.

### V. FRENCH LITERATURE

A lecture and reading course intended to give an appreciation of the most important and interesting masterpieces of French genius. Conducted entirely in French. Hugo, Sand, Souvestre, Feuillet, Chateaubriand and Rostand will be studied.

Three hours per week, first semester.

### VI. FRENCH LITERATURE

Continuation of French V.

Three hours per week, second semester.

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## VII. CONVERSATION COURSE

Facts of daily life discussed. Designed to train students to speak and write the language with some facility.

Two hours per week, second semester.

## VIII. CONVERSATION COURSE

Continuation of French VII.

Two hours per week, second semester.

## IX. CLASSIC FRENCH

Reading of the principal authors of the classical period, Corneille, Moliere, Racine, La Fontaine, Le Sage, Boileau and Voltaire.

Three hours per week, first semester.

## X. CLASSIC FRENCH

Continuation of French IX.

Three hours per week, second semester.

## GERMAN

*Edith A. Hill, Associate Professor*

### I. FIRST YEAR GERMAN

Systematic training in simple conversation, narration and the elements of German grammar. Texts suitable for the work of the first year will be read.

Four hours per week, second semester.

### II. FIRST YEAR GERMAN

Continuation of German I.

Four hours per week, second semester.

### III. SECOND YEAR GERMAN

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Three hours per week, first semester.

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## IV. SECOND YEAR GERMAN

Continuation of German III.

Three hours per week, second semester.

## V. THIRD YEAR GERMAN

The German Novel. Scheffel's Ekkehard, Freytag's Soll und Haben, Sudermann's Frau Sorge, Hoffmann's Das Fraulein von Scuderie, and others. Reading and discussion.

Three hours per week, first semester.

## VI. THIRD YEAR GERMAN

The German Novel. Continuation of German V.

Three hours per week, second semester.

## VII. FAUST, PARTS ONE AND TWO

Careful study of poetry and unity.

Three hours per week, first semester.

## VIII FAUST

Continuation of German VII.

Three hours per week, second semester.

## IX. GERMAN LITERATURE

History of German Literature of 12th, 14th and 18th centuries, using Wells, Francke and Robertson as references.

Three hours per week, first semester.

## X. GERMAN LITERATURE

Continuation of German IX.

Three hours per week, second semester.

## XI. CONVERSATION COURSE

A course in conversation, composition and sight reading.

Three hours per week, first semester.



# UNIVERSITY OF REDLANDS

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## XII. CONVERSATION COURSE

Continuation of German XI.

Three hours per week, second semester.

## SPANISH

*Edith A. Hill, Associate Professor*

### I. FIRST YEAR SPANISH

Ready familiarity with the essentials of Spanish grammar, and systematic training in pronunciation, conversation and reading.

Four hours per week, first semester.

### II. FIRST YEAR SPANISH

Continuation of Spanish I.

Four hours per week, second semester.

### III. SECOND YEAR SPANISH

Selected texts from modern Spanish authors.

Three hours per week, first semester.

### IV. SECOND YEAR SPANISH

Continuation of Spanish III.

Three hours per week, second semester.

## MATHEMATICS

*Victor L. Duke, Professor*

### I. COLLEGE ALGEBRA

Rapid review of the Theory of Quadratic Equations, Permutations and Combinations, Series, Logarithms, Determinants and elementary Theory of Equations.

Required of candidates for the A. B. or B. S. degree.

Three hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## II. TRIGONOMETRY

Analytic Trigonometry, the proofs and applications of the fundamental relations among the functions of angles. Practical Trigonometry, the solution of the plane triangle, measurements of heights and distances. Sufficient Spherical Trigonometry to determine the spherical triangle.

Required of candidates for the A. B. or B. S. degree.

Three hours per week, second semester.

## III. ELEMENTS OF ANALYTICAL GEOMETRY

A study of the point, the line and the circle, with some of the more important and elementary theorems on the conic sections.

Required of candidates for the B. S. Degree, elective to others.

Three hours per week, first semester.

## IV. SURVEYING

The use, care and adjustment of the Surveyor's instruments. Field work; chain and tape surveying, transit surveys, leveling, curves, etc.

Prerequisite, Mathematics I and II.

Three hours per week, second semester.

## V. DIFFERENTIAL CALCULUS

Fundamental formulae and process of differentiation and an insight into the powerful factor which this subject is in modern scientific research.

Prerequisite, Mathematics I-IV.

Three hours per week, first semester.

## VI. INTEGRAL CALCULUS

A study of the process of integration and their application to physical and mechanical problems.

Prerequisite, Mathematics I-V.

Three hours per week, second semester.

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## VII. DESCRIPTIVE AND GENERAL ASTRONOMY

A study of the heavenly bodies, their constitution, laws of motion, physical properties and the processes by which man discovered these facts.

Prerequisite, Mathematics I-II.

Three hours per week, first semester.

## VIII. DESCRIPTIVE AND GENERAL ASTRONOMY

Continuation of Mathematics VII.

Three hours per week, second semester.

## IX. ADVANCED ANALYTICAL GEOMETRY

A more detailed study of the properties of the conic sections; some insight into the study of higher plane curves. Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## X. ADVANCED ANALYTICAL GEOMETRY

Continuation of Mathematics IX.

Two hours per week, second semester.

## XI. ADVANCED THEORY OF EQUATIONS

Equations of higher degrees, symmetric functions of roots, determinants of higher orders.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## XII. ADVANCED THEORY OF EQUATIONS

Continuation of Mathematics XI.

Two hours per week, second semester.

## XIII. DIFFERENTIAL EQUATIONS

Principles involved in the solution of such equations and the applications of this branch of Mathematics to Mechanics.

Prerequisite, Mathematics I-IV.

Three hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## XIV. DIFFERENTIAL EQUATIONS

Continuation of Mathematics XIII.

Three hours per week, second semester.

## XV. ADVANCED INTEGRAL CALCULUS

Special attention will be given to the definite integral and to elliptic integrals.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## XVI. ADVANCED INTEGRAL CALCULUS

Continuation of Mathematics XV.

Two hours per week, second semester.

## CHEMISTRY

*S. Guy Jones, Professor*

### I. GENERAL CHEMISTRY

Descriptive and theoretical chemistry with accompanying laboratory experiments. Arranged for college students who have never studied the subject.

Two recitations and two laboratory periods per week, first semester.

### II. GENERAL CHEMISTRY

Continuation of Chemistry I.

Two recitations and two laboratory periods per week, second semester.

### III. QUALITATIVE ANALYSIS

An advanced course in general and theoretical chemistry, accompanied by a laboratory course in qualitative analysis. Determination of the composition of natural and commercial products.

Two recitations and two laboratory periods per week, first semester.



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## IV. QUALITATIVE ANALYSIS

Continuation of Chemistry III.

Two recitations and two laboratory periods per week, second semester.

## V. QUANTITATIVE ANALYSIS

General methods of Gravimetric Analysis accompanied by a course in Chemical Arithmetic. Prerequisite. Chemistry I-IV.

Chemical Arithmetic one hour and laboratory work three periods per week, first semester.

## VI. QUANTITATIVE ANALYSIS

Continuation of Chemistry V. Gravimetric and Volumetric Analysis, with Chemical Arithmetic.

Chemical Arithmetic one hour and laboratory work three periods per week, second semester.

## VII. ORGANIC CHEMISTRY

A study of the compounds of Carbon.

Prerequisite, Chemistry I-IV.

Two recitations and two laboratory periods per week, first semester.

## VIII. ORGANIC CHEMISTRY

Continuation of Chemistry VII.

Two recitations and two laboratory periods per week, second semester.

## IX. INORGANIC PREPARATIONS

Study of the accepted methods of preparing the principal inorganic compounds.

Prerequisite, Chemistry I-IV.

Three laboratory periods per week, first semester.

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## PHYSICS

————— *Professor*

### I. MECHANICS, MOLECULAR PHYSICS AND HEAT

Although the grasping of principles and not skill in manipulation is strongly emphasized, still the fixing power of laboratory application is recognized. The purpose is to give the student an insight into the real significance of physical things, by putting him in touch with the methods and instruments of modern physical investigation and by carrying him through the process of reasoning by which the present science of physics has been developed.

Required of candidates for B. S. Degree in Sophomore year. Elective for A. B. and Ph. B., Sophomores, Juniors and Seniors.

Prerequisite, one year of entrance Physics and Mathematics I and II.

Recitation and lectures two hours and two laboratory periods per week, first semester.

### II. SOUND, LIGHT, ELECTRICITY AND MAGNETISM

Continuation of Physics I. Presented in a similar manner and with the same aim.

Required of candidates for B. S. Degree in the Sophomore year. Elective for A. B. and Ph. B. Sophomores, Juniors and Seniors.

Recitation and lectures two hours and two laboratory periods per week, second semester.

### III. ELECTRICAL MEASUREMENTS

Elective for Juniors and Seniors.

Prerequisite, Physics I and II.

One recitation and three laboratory periods per week, first semester.

NOTE—For more advanced courses in Physics and the hours for the same, arrangements may be made with the Professor in charge.

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## BIOLOGY

*Geo. Robertson, Professor*

The Natural Science Department contains a growing nucleus of geological, botanical and zoological specimens. During the year some 400 classified mineral specimens have been added, and also the Bates collection of shells, comprising some 4000 specimens of modern species. These form valuable additions to the material available for students' use. Besides these there is a growing collection of fossils representing most of the periods of geological history. The herbarium contains a good collection of local flora, trees, chaparral and annual plants. The Natural Science classes have shown their interest in the department by contributing a beautiful case valued at \$50.00 to house the added minerals and shells. Already a beginning has been made towards a zoological collection. Some hundreds of specimens for working material have been accumulated.

### I. GENERAL BOTANY

The study will cover a general course in plant life, including lectures, recitations, laboratory and field work. The local flora is very rich in native and cultivated plants, suitable for study every month of the year. The work will be pursued along three lines (a) Morphological, (b) Physiological, and (c) special Botany, a study of local flora, conditions and the preparation of an herbarium and a knowledge of their economic values.

Elective.

Three hours and one laboratory period per week, first semester.

# UNIVERSITY OF REDLANDS

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## II. GENERAL BOTANY

Continuation of Biology I.

Elective.

Three hours and one laboratory period per week, second semester.

## III. GENERAL ZOOLOGY

A study of invertebrate animal life, the structure, development, classification and distribution.

Elective.

Three hours and one laboratory period per week, first semester.

## IV. GENERAL ZOOLOGY

Continuation of Biology III.

A study of vertebrate animal life; the morphology, development, physiology, classification, distribution and economic value.

Elective.

Three hours and one laboratory period per week, second semester.

## FORESTRY

*Geo. Robertson, Instructor*

### I. FORESTRY

The study will cover our local national forests, trees, chaparral, herbs conservation of forest cover and of water. The course will deal with rock and soil structure, national forests in general, their purpose, use, protection and management.

Biology I and II are desirable prerequisites.

Elective.

Three hours per week, second semester.



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## GEOLOGY

*Geo. Robertson, Professor*

### I. GENERAL GEOLOGY

Lectures, recitations, laboratory and field work. The study will include the salient and economic features of the science, giving a systematic and comprehensive knowledge of the most important teachings of Geology. The course will cover (a) Dynamical, (b) Structural and (c) Historical Geology. Attention will be given to the Petrology and Crystallography of the common rocks and minerals.

Prerequisite, Biology I-IV.

Elective.

Three hours and one laboratory period per week, first semester.

### II. GENERAL GEOLOGY

Continuation of Geology I.

Elective.

Three hours and one laboratory period per week, second semester.

# UNIVERSITY OF REDLANDS

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## Schedule of Courses

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### FIRST SEMESTER

#### 8:00 O'CLOCK

Sociology I.....	M	T	W		
Bible III.....				Th	F
History I.....	M	T	W		
English V.....				Th	F
Greek I.....				Th	F
Greek III.....	M	T	W		
French III.....	M	T	W		
Spanish III.....				Th	F
Mathematics A.....				Th	F
Mathematics V.....	M	T	W		
Chemistry A.....	M	T			
Chemistry I.....	M	T		Th	F
Physics I.....				Th	F
Biology I.....				Th	F

#### 9:00 O'CLOCK

Philosophy I.....			W	Th	
Philosophy II.....	M	T		Th	F
English V.....			W		
Greek A.....	M	T		Th	F
Greek I.....			W		
German I.....	M	T		Th	F
Spanish III.....			W		
Chemistry A.....	M	T	W	Th	F
Chemistry I.....	M	T			
Physics I.....	M	T		Th	F
Biology I.....	M	T			F

10:00-10:20 ASSEMBLY

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## 10:20 O'CLOCK

History III .....				Th	F
History V.....	M	T	W	Th	F
English A.....			W	Th	F
English C.....	M	T		Th	F
Latin I.....	M	T			
Latin III.....			W	Th	F
Mathematics A.....	M	T			
Mathematics I.....			W	Th	F
Chemistry V.....			W	Th	F
Chemistry VII.....	M	T		Th	F
Physics III.....	M	T	W	Th	
Biology III.....	M	T			

## 11:20 O'CLOCK

Philosophy IV.....		T	W	Th	F
History XI.....		T	W		F
English A.....	M				
English I.....		T		Th	F
Latin C.....	M	T		Th	F
Latin I.....			W		
German V.....		T	W		F
Mathematics C.....		T	W	Th	F
Chemistry V.....		T	W	Th	F
Chemistry VII.....				Th	F
Physics III.....	M	T	W		
Biology III.....	M		W	Th	

## 1:30 O'CLOCK

History IX.....	M				
History XIII.....		T	W	Th	
English IX.....			W	Th	F
Latin A.....	M		W	Th	F
German III.....			W	Th	F
Spanish I.....	M	T		Th	F
Mathematics III.....			W	Th	F
Chemistry III.....	M	T			
Physics A.....	M	T	W	Th	F
Geology.....	M	T			

## 2:30 O'CLOCK

Bible I.....				Th	F
History A.....	M	T	W	Th	
History VII.....	M	T	W		
English III.....	M	T	W		
Greek C.....	M		W	Th	F
French I.....	M	T		Th	F
Mathematics VII.....	M	T	W		
Chemistry III.....	M	T		Th	F
Physics A.....				Th	F
Geology I.....		T		Th	F

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## SECOND SEMESTER

### 8:00 O'CLOCK

Philosophy III.....	M	T	W		
Bible IV.....				Th	F
History II.....	M	T	W		
English VI.....				Th	F
Greek II.....				Th	F
Greek IV.....	M	T	W		
French IV.....	M	T	W		
Spanish IV .....				Th	F
Mathematics B.....				Th	F
Mathematics VI.....	M	T	W		
Chemistry B.....	M	T			
Chemistry II.....	M	T		Th	F
Physics II.....				Th	F
Biology II.....				Th	F

### 9:00 O'CLOCK

Economics I.....	M	T			F
English VI.....				Th	F
Greek B.....	M	T		Th	F
Greek II.....			W		
German II.....	M	T		Th	F
Spanish IV.....			W		
Chemistry B.....	M	T	W	Th	F
Chemistry II.....	M	T			
Physics II.....	M	T		Th	F
Biology II.....	M	T			F
Forestry I.....			W	Th	

### 10:00-10:20 ASSEMBLY

### 10:20 O'CLOCK

History IV.....				Th	F
History VI.....	M	T	W		
English B.....			W	Th	F
English D.....	M	T		Th	F
Latin II.....	M	T			
Latin IV.....			W	Th	F
Mathematics B.....	M	T			
Mathematics II.....			W	Th	F
Chemistry VI.....			W	Th	F
Chemistry VIII.....	M	T		Th	F
Biology IV.....	M	T			
Forestry I.....					F



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11:20 O'CLOCK

Philosophy V.....		T	W	Th	
History XII.....		T	W		F
English B.....	M				
English II.....		T		Th	F
Latin D.....	M	T		Th	F
Latin II.....			W		
German VI.....		T	W		F
Mathematics D.....		T	W	Th	F
Chemistry VI.....		T	W	Th	F
Chemistry VIII.....				Th	F
Biology IV.....	M		W	Th	

1:30 O'CLOCK

History X.....	M				
History XIV.....		T	W	Th	
English X.....			W	Th	F
Latin B.....	M		W	Th	F
German IV.....			W	Th	F
Spanish II.....	M	T		Th	F
Mathematics IV.....			W	Th	F
Chemistry IV.....	M	T			
Physics B.....	M	T	W	Th	F
Geology II.....	M	T			

2:30 O'CLOCK

Philosophy VI.....	M		W		
Bible II.....				Th	F
History B.....	M	T	W	Th	
History VIII.....	M	T	W		
English IV.....	M	T	W		
Greek D.....	M		W	Th	F
French II.....	M	T		Th	F
Mathematics IV.....				Th	F
Mathematics VIII.....	M	T	W		
Chemistry IV.....	M	T		Th	F
Physics B.....				Th	F
Geology II.....		T		Th	F



# College of Fine Arts





## College of Fine Arts

### DEPARTMENT OF MUSIC

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#### GENERAL INFORMATION

In accordance with the plan followed in connection with the other departments of the University, provisions have been made for the most thoro and advanced work in the Department of Music.

The line of work in the University course in Music, conferring the degree of Bachelor of Music, corresponds with that of some of the European universities.

The elementary work in Piano and other departments will be under competent instructors who will be under the supervision of the Dean of the College of Fine Arts.

Realizing the degree to which superior musical proficiency is attainable only in conjunction with the highest cultural development, stress will be laid upon this phase of the student's growth, and special attention will be given to courses in the other departments of the University which will prove of value to students in the Department of Music.

Classes in this department will be organized at the beginning of the college year as indicated in the calendar.

Individual work may be begun at any time by students showing marked musical ability.

Diplomas will be awarded to students showing sufficient musical ability who have completed the required courses. The pupil's work is to be subject to the approval of the Dean.

The Choral Society and Orchestra, under the leadership of the head of the Department of Piano, give opportunity

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for expression and development of the musical ability of the students of the University.

Careful analysis is made of the general musical taste and ability of the student before enrollment for the University work, and the course of study is planned to suit the individual needs of the student in securing well balanced musicianship and critical judgment along musical lines.

During the Junior and Senior years the candidate for a degree must appear in public at least once a semester, the time and place of such public performances to be advised by the Dean.

## EXPENSES

Tuition per semester, payable in advance.

Leading to degree of Mus. Bac.

Course in Voice .....	\$134.00
Course in Piano.....	100.00
Course in Organ.....	100.00
Course in Violin.....	100.00

The following schedule of tuition is for the work of a semester of eighteen weeks, except where otherwise specified. The work in Voice, Piano, Organ and Violin, which are individual, may, by special arrangement, be begun at any time:

Voice, special, two periods per week (16 weeks).....	\$98.00
Voice, preparatory, two periods per week.....	64.00
Piano, special, two periods per week.....	64.00
Piano, preparatory, two periods per week.....	42.00
Organ, two periods per week .....	64.00
Violin, special, two periods per week .....	64.00
Violin, preparatory, two periods per week .....	42.00
Practice piano fee, per semester .....	5.00

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## COLLEGE CREDIT

Credit will be given in the College of Liberal Arts for the work in History of Music, and Choral society.

## DEPARTMENT OF ART

Regular Course, per semester.....	\$40.00
Two class lessons in any one branch, five hours a week, per semester .....	\$30.00
One class lesson in any one branch, two hours a week, per semester.....	15.00

## REQUIRED FOR GRADUATION

No student shall be permitted to graduate from the Department of Music, College of Fine Arts, who has not credit for at least 80 units and who has not taken at least one year of regular work at the University.

The required work leading to the different degrees is as follows:

### BACHELOR OF MUSIC IN VOICE

Voice.....	16 hours
Piano (prep).....	8 hours
History of Music.....	4 hours
Theory .....	4 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages.....	24 hours
General History.....	6 hours
Philosophy .....	7 hours
Biblical Studies.....	2 hours
Total Required	75 hours
Electives .....	5 hours
Total	80 hours

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BACHELOR OF MUSIC IN PIANO

Piano .....	16 hours
History of Music.....	4 hours
Theory.....	8 hours
Choral.....	1 hour
English.....	3 hours
Modern Languages.....	24 hours
General History.....	6 hours
Philosophy.....	7 hours
Biblical Studies.....	2 hours
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Total required	71 hours
Electives .....	9 hours
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Total	80 hours

BACHELOR OF MUSIC IN VIOLIN

Violin.....	16 hours
Piano (Prep.) .....	8 hours
History of Music.....	4 hours
Theory.....	8 hours
Choral.....	1 hour
English.....	3 hours
Modern Languages .....	24 hours
General History.....	6 hours
Philosophy.....	7 hours
Biblical Studies.....	2 hours
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Total required	79 hours
Electives.....	1 hour
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Total	80 hours



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BACHELOR OF MUSIC IN ORGAN

Organ.....	8 hours
Piano.....	8 hours
History of Music .....	4 hours
Theory.....	8 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages.....	24 hours
General History .....	6 hours
Philosophy.....	7 hours
Biblical Studies.....	2 hours
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Total required	71 hours
Electives .....	9 hours
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Total	80 hours

VOICE

*Jose M. A. Rodrigues, Professor*

I. FIRST YEAR VOICE

Systematic training in voice production. Ear and mental training in regard to tone-quality. Elementary sight singing.  
Concone's Fifty Lessons for Medium Part of Voice.  
Required of Freshmen for degree of Mus. Bac. in Voice.  
Two hours per week, first semester.

II. CONTINUATION OF VOICE I

Physical training in regard to tone-quality.  
Bel Canto. Anthology of Italian Song, embracing the pre-classical song writers, Peri, Caccini, Carissimi and Monteverdi.  
Required of Freshmen for degree of Mus. Bac. in Voice.  
Two hours per week, second semester.

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## III. SECOND YEAR VOICE

Continuation of Voice II. Voice from psychological view point, Interpretation. Continuation of Anthology of Italian Song, volumes I and II. Early classics of Italian School: Scarlatti, Handel, Caldara, Gluck, etc. Required of Sophomores for degree of Mus. Bac. in Voice. Two hours per week, first semester.

## IV. CONTINUATION OF VOICE III

Concone's Forty and Twenty-five Lessons for Medium Part of Voice. English and American Sacred Song Literature for Protestant Churches. English and American Simple Secular Song Literature. Required of Sophomores for degree of Mus. Bac. in Voice. Two hours per week, second semester.

## V. THIRD YEAR VOICE

Continuation of Voice IV. Concone's Fifteen Lessons. Later Italian Classics: Mozart, Haydn, Rossini, Donizetti, Bellini, Verdi, etc. Required of Juniors for degree of Mus. Bac. in Voice. Two hours per weeks, first semester.

## VI. CONTINUATION OF VOICE V

Trills, cadenze and general training in agility. English and American general song literature of medium difficulty. Easy ensemble singing. Required of Juniors for degree of Mus. Bac. in Voice. Two hours per week, second semester.

## VII. FOURTH YEAR VOICE

Continuation of Voice VI. Ensemble singing. General old and new opera. German and French song literature, including Schumann, Schubert, Brahms, Franz, Greig, etc., Gounod, Massenet, Saint Saens, etc.

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Required of Seniors for degree of Mus. Bac. in Voice.  
Two hours per week, first semester.

## VIII. CONTINUATION OF VOICE VII

Dramatic singing or singing with action.  
General International Repertoire (compositions sung in the original languages).  
General training for teachers of voice.  
Required of Seniors for degree of Mus. Bac. in Voice.  
Two hours per week, second semester.

## PIANO

*Edward Cadoret Hopkins, Professor*

### I. FIRST YEAR PIANO

Technical training according to the principles of modern piano technique. Systematic training in art-principles of technique, phrasing and tone-quality.  
Elementary study of the characteristics of the various classic composers. Repertoire of selections from standard works by the best composers.

Text books:—

A System of Fundamental Technics, Mason-Matthews.

Graded Studies, Book IV, T. Tapper.

Graded Pieces, Book IV, T. Tapper.

Sonata Album, Vol. 329, Schirmer Library.

Berens, Czerny, Cramer, Heller, Kullak, Bach (inventions) as needed.

Required of Freshmen for degree of Mus. Bac. in Piano and Organ.

Two hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## II. CONTINUATION OF PIANO I.

Continuation of classical study (at least two Sonatas)  
Repertoire of selections from the works of the best  
composers, classic and romantic.

Text books: Technique; Mason-Mathews. Graded  
Studies—Book IV—T. Tapper. Graded Pieces—Book  
IV—T. Tapper. Sonata Album—Vol. 329—Schirmer  
Library. Additional Studies as needed.

Required of Freshmen for degree in Mus. Bac. in Piano  
and Organ.

Two hours per week, second semester.

## III. CONTINUATION OF PIANO II.

Technical training.—Study of the characteristics of the  
various classic composers. Repertoire.

Text books: Technique; Mason-Mathews. Graded  
Studies—Book V—T. Tapper. Graded Pieces—Book V  
—T. Tapper. Sonata Album—Vol. 340—Schirmer Li-  
brary. Additional studies as needed.

Required of Sophomores for degree of Mus. Bac. in  
Piano and Organ,

Two hours per week, first semester.

## IV. CONTINUATION OF PIANO III.

Technical training.—Continuation of classical study  
(at least two Sonatas.) Repertoire.

Text-books: Same as for previous semester.

Required of Sophomores for degree of Mus. Bac. in  
Piano and Organ.

Two hours per week, second semester.

## V. CONTINUATION OF PIANO IV.

Technical training.—Special training in Bravura style.  
Bach, Three—Part Inventions. Beethoven,—Sonatas  
critically considered.



# UNIVERSITY OF REDLANDS

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Text-books: Technique; Mason-Mathews. Graded Studies—Book V—T. Tapper. Graded Pieces—Book V—T. Tapper.

Exercises for the independence of the fingers..I. Phillipp Studies of Clementi, Cramer, Czerny (Op. 740) and others as needed.

Required of Juniors for degree of Mus. Bac. in Piano.  
Two hours per week, first semester.

## VI. CONTINUATION OF PIANO V.

Technical training.—Bravura. Bach (continued.) Beethoven (continued.)

The Romantic School critically considered.

Text-books: Technique; Mason-Mathews. Technical Material; I. Phillipp. Graded Studies—Book VI—T. Tapper. Graded Pieces—Book VI—T. Tapper.

Studies of Clementi, Henselt, Czerny, Chopin and others as needed.

Required of Juniors for degree of Mus. Bac. in Piano.  
Two hours per week, second, semester.

## VII. CONTINUATION OF PIANO VI.

Technical training.—Bravura. (Grabill's Physical Principles of Piano playing.) Art Interpretation of the Masters. Pedagogics (for prospective teachers.)

Text-books: Technique; Mason-Mathews. Technical Material; I. Phillipp. Graded Studies—Books VI, VII—T. Tapper. Graded Pieces—Books VI, VII—T. Tapper. Studies selected from the works of the greatest masters of pianistic literature.

Required of Seniors for degree of Mus. Bac. in Piano.  
Two hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## VIII. CONTINUATION OF PIANO VII.

Technical training.—Bravura (Grabill.) Interpretation (Christiani, Art-principles.) Pedagogics (for prospective teachers.)

Text-books: Same as previous semester, with such additional studies as may be found necessary.

Required of Seniors for degree of Mus. Bac. in Piano.

Two hours per week, second semester.

## PREPARATORY PIANO

*E. May Raught, Instructor*

### I. Technical instruction according to the principles of modern piano technique (oral.)

Systematic training in phrasing and touch. Gymnastics for development of hands and arms. Selected pieces. Memory work.

Text-books: Graded Studies—Book I—T. Tapper. Graded Pieces—Book I—T. Tapper.

Required of students preparing for regular University course in Piano or Organ.

Two hours per week, first semester.

Required of Freshmen for degree of Mus. Bac. in voice or Violin.

One hour per week, first semester.

### II. CONTINUATION OF PIANO I.

Gymnastics. Touch and Technique. Phrasing. Arpeggio and scale forms. Octavo and chord touches. Minor scales.

Text-books: Graded Studies—Book I—T. Tapper. Graded Pieces—Book I—T. Tapper. Studies—Op. 139—Czerny. Sonatina Album—Vol. 693—Schirmer Library.

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Required of students preparing for regular University course in Piano or Organ.

Two hours per week, second semester.

Required of Freshmen for degree of Mus. Bac. in Voice or Violin.

One hour per week, second semester.

## III. CONTINUATION OF PIANO II

Technical exercises transposed.—Rhythmical treatment of scale and arpeggio. Velocity in passage work. Interpretation and phrasing. Memory work.

Text-books: Graded Studies—Book II—T. Tapper. Graded Pieces—Book II—T. Tapper. Velocity; Brauer. Studies in Expression—Op. 47, Heller. Sonatina Album—Vol. 693—Schirmer Library.

Required of Students preparing for regular University course in Piano or Organ.

Two hours per week, first semester.

Required of Sophomores for degree of Mus. Bac. in Voice or Violin.

One hour per week, first semester.

## IV. CONTINUATION OF PIANO III.

Technical exercises transposed, (continued.) Scale and passage work, (continued.) Arm and finger touches analysed. Selected pieces.

Text books: Graded Studies—Book III—T. Tapper. Graded Pieces—Book III—T. Tapper. Velocity; Brauer and Czerny. Sonatina Album—Vol. 693—Schirmer Library. Little Preludes; Bach.

Required of students preparing for regular University course in Piano or Organ.

Two hours per week, second semester.

Required of Sophomores for degree of Mus. Bac. in Voice or Violin.

One hour per week, second semester.

# UNIVERSITY OF REDLANDS

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## HISTORY OF MUSIC

*Jose M. A. Rodrigues, Professor*

### ILLUSTRATED LECTURE COURSE

#### I. HISTORY OF MUSIC I

Music and the Jews. Music and the Greeks. Effect of the music of the Infidels on Christianity. The Troubadours and Minnesingers. Conquest of Constantinople. Music at the time of the Renaissance. The Florentine "Camerata." Effect of Christianity upon the Arts. Roman Catholic versus Protestant Music. Birth of Modern Music.

Text book: Fillmore's History of Music.

Required of Sophomores for degree of Mus. Bac.

Two hours per week, first semester.

#### II. CONTINUATION OF HISTORY MUSIC I

The Early Classical School: Sacred, Palastrina; Secular, Alessandro Scarlatti. The Middle Classical School: Haydn, Mozart. The Modern Classical School: Rossini, Donizetti, Verdi and others. Mixed Classical and Romantic School: Beethoven, Mendelssohn and others. Romantic School: Schumann, Schubert and Modern Italians. Revolutionary School: Wagner, Richard Strauss, Debussy, Puccini and others.

Text book: Same as for History of Music I.

Required of Sophomores for degree of Mus. Brc.

Two hours per week, second semester.



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## THEORY

*Edward Cadoret Hopkins, Instructor*

### I. THEORY OF MUSIC

General Musical Instruction (rudiments). Melody writing. Rhythm. Form and analysis of simple compositions. Music copying and transposition. Required of Freshmen for degree of Mus. Bac. One hour per week, first semester.

### II. HARMONY

The major scale. Intervals. The minor scale. The common chord. Progression and rules of Harmony. Cadences. The first inversion. Exercises in writing chants and hymn-tunes.

Text book: J. H. Anger. A Treatise on Harmony, Book I.

Required of Freshmen for degree of Mus. Bac. One hour per week, second semester.

### III. CONTINUATION OF HARMONY II

The second inversion. The dominant seventh and its inversions. Natural modulation. Exercises in composition of hymn-tunes and simple piano music.

Text book: Anger. Book I.

Required of Sophomores for degree of Mus. Bac. One hour per week, first semester.

### IV. CONTINUATION OF HARMONY III

Secondary sevenths. Chords of the ninth and inversions. Suspensions. Exercises in writing hymn-tunes, chants, dances and simple piano music.

Text book: Anger. Book II.

Required of Sophomores for degree of Mus. Bac. One hour per week, second semester.

# UNIVERSITY OF REDLANDS

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## V. CONTINUATION OF HARMONY IV

Compound suspensions (continued). Passing and auxiliary notes. Extraneous modulation. Analysis of works of great composers. Exercises in writing hymn-tunes, chants and dances. Also arrangements for voices and instruments..

Text book: Anger. Book II.

Required of Juniors for degree of Mus. Bac. in Piano, Organ and Violin.

One hour per week, first semester.

## VI. CONTINUATION OF HARMONY V

Composition. The homophonic forms. Counterpoint, first and second species. Vocal composition. Exercises in writing anthems, short movements and songs.

Text books: Anger, Book II; Pauer, Counterpoint; Mendelssohn (Marx), the Art of Musical Composition; Goetschius—The Materials of Musical Composition.

Required of Juniors for degree of Mus. Bac. in Piano, Organ and Violin.

THEORY COURSE, reference works.

Harmony—Its Theory and Practice, Counterpoint—Strict and Free, Double Counterpoint and Canon, Musical Form, Applied forms, The Orchestra—E. Prout; The Orchestra—H. Berlioz.

## PHILOSOPHY

*Herbert E. Wise, Professor.*

## II. PSYCHOLOGY

This course is an introduction to the general field of psychology, dealing with the more fundamental processes, and supplemented by collateral reading and individual inquiry.

# UNIVERSITY OF REDLANDS

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Required of Seniors for degree of Mus. Bac.  
Four hours per week, first semester.

## V. ETHICS

The course is designed to give the student an opportunity to familiarize himself with the principles of ethical science. A study is made of the origins and guides of action and the principles of morals.  
Three hours per week, second semester.

## BIBLICAL STUDIES

*Herbert E. Wise, Professor.*

- IV. A study of select portions of the Old Testament, embracing its historical development, representative characters, Prophetic messages and devotional literature.  
Required of Freshmen for degree of Mus. Bac.  
Two hours per week, second semester.

## HISTORY

*A. Harvey Collins, Professor.*

### I. GENERAL MEDIAEVAL

A survey of the leading events in European History, from about 350 to 1500 A. D., with special reference to the development of the great institutions both of Church and State, following the work as outlined by Trenholme's Syllabus for the History of Western Europe. Text, lectures, collateral readings, preparation of maps and papers.  
Required of Sophomores for degree of Mus. Bac.  
Three hours per week, first semester.

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## II. MODERN EUROPE

Continuation of History I. Schwill's Political History of Modern Europe is used as a text book, and as in the preceeding course, the text is supplemented by collateral reading and special reports and maps.

Required of Sophomores for degree of Mus. Bac.

Three hours per week, second semester.

## ENGLISH

————— *Professor*

### I. RHETORIC

In this course a text will be used that emphasizes the nicer discriminations in composition, writing of themes and much illustration from best prose writers.

Required of Freshmen for degree of Mus. Bac.

Three hours per week, first semester.

## FRENCH

*Edith A. Hill, Associate Professor.*

### I. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable to the grade of work required, will be read.

Elective to seniors for degree of Mus. Bac. in Voice, Piano, Organ, Violin.

Four hours per week, first semester.

### II. CONTINUATION OF FRENCH I.

Elective to Seniors for degree of Mus. Bac. in Voice, Piano, Organ, Violin.

Four hours per week second semester.



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## GERMAN

*Edith A. Hill, Associate Professor.*

### I. FIRST YEAR GERMAN

Systematic training in simple conversation, narration and the elements of German grammar.

Texts suitable for the first year will be read.

Required of Freshmen for degree of Mus. Bac. in Piano, Violin and Organ.

Elective to Seniors for degree of Mus. Bac. in Voice.

Four hours per week, first semester.

### II. FIRST YEAR GERMAN

Continuation of German I.

Required of Freshmen for degree of Mus. Bac. in Piano, Violin and Organ.

Elective to Seniors for degree of Mus. Bac. in Voice.

Four hours per week, second semester.

### III. SECOND YEAR GERMAN

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Required of Sophomores for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

### IV. SECOND YEAR GERMAN

Continuation of German III.

Required of Sophomores for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, second semester.

### V. THIRD YEAR GERMAN

The German Novel; Scheffel's Ekkehard; Freytag's Soll und Haben; Sudermann's Frau Sorge; Hoffmann's Das

# UNIVERSITY OF REDLANDS

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Fraulein von Scuderie, and others. Reading and discussion.

Required of Juniors for degree of Mus. Bac. in Piano, and Organ.

Three hours per week, first semester.

## VI. THIRD YEAR GERMAN

Continuation of German V.

Required of Juniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week , second semester.

## VII. FAUST, PARTS ONE AND TWO

Careful study of the poetry and unity.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

## VIII. FAUST

Continuation of German VII.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, second semester.

## ITALIAN

*Jose M. A. Rodrigues, Professor*

### I. FIRST YEAR ITALIAN

Systematic training in simple conversation, reading and writing. Translation from Italian into English.

Required of Freshmen for degree of Mus. Bac. in Voice.

Elective to Seniors for degree of Mus. Bac. in Piano, Organ or Violin.

Three hours per week, first semester.

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## II. FIRST YEAR ITALIAN

Continuation of Italian I.

Required of Freshmen for degree of Mus. Bac. in Voice.

Elective to Seniors for degree of Mus. Bac. in Piano, Organ or Violin.

Three hours per week, second semester.

## III. SECOND YEAR ITALIAN

Composition and conversation. Reading of De Amicis and other comprehensive authors.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, first semester.

## IV. SECOND YEAR ITALIAN

Continuation of Italian III.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, second semester.

## V. THIRD YEAR ITALIAN

Continuation of Italian IV.

Italian Short Stories by approved authors. Italian regular and irregular verbs. Translation from English into Italian.

Required of Juniors for degree of Mus. Bac. in Voice.

Three hours per week, first semester.

## VI. THIRD YEAR ITALIAN

Continuation of Italian V.

Italian Lyrics, especially Petrarcha.

Required of Juniors for degree of Mus. Bac. in Voice.

Three hours per week, second semester.

# UNIVERSITY OF REDLANDS

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## VII. FOURTH YEAR ITALIAN

Italian Grammar. Drilling in Verbs. Simple composition. Letter forms, etc.

Elective to Seniors for degree of Mus. Bac. in Voice.

Three hours per week, first semester.

## VIII. FOURTH YEAR ITALIAN

Continuation of Italian VII. General Italian Literature. Italian Poetry.

Elective to Seniors for degree of Mus. Bac. in Voice.

Three hours per week, second semester.

## ART

\* \_\_\_\_\_ *Instructor.*

Instruction in all classes is individual. Advancement of each student depends upon the degree of proficiency only. Students may enter any class upon presenting work showing the necessary skill.

Students will be admitted at any time; but not for less than one term, except by special arrangement.

Special branches may be taken up separately from the course.

Each student is expected to pursue a systematic course of reading in art, history, literature, and current art subjects.

All fees payable in advance.



# UNIVERSITY OF REDLANDS

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## COURSE OF STUDY

### FIRST YEAR

Charcoal drawing from casts. Pencil drawing from flowers. Charcoal drawing from still life. Time sketching and applied perspective.

### SECOND YEAR

Drawing from the antique and still life, composition and art history.

### THIRD YEAR

Drawing from life in charcoal, anatomy composition. Still life in water colors.

### FOURTH YEAR

Drawing from life in charcoal. Still life in water colors and oil.



Academy





## Academy

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### GENERAL INFORMATION

The University authorities have determined, for a few years at least, to maintain an academy department, covering approximately the last two years of the regular high school or academy courses. The work in these classes will be given in so far as possible, by the regular professors in the University.

Students contemplating entering the academy should request the superintendent of the school last attended to forward to the Registrar of the University a certificate showing the work for which credit will be asked. The entrance requirements for this department presuppose that the student has completed the work for the first two years in some accredited high school.

Students expecting to take the entrance examinations should present themselves to the Registrar on the dates set for such examinations (see Calendar.)

The system of grading, the regulations as to work and examinations, and all general rules and regulations of the University apply also to the Academy. Upon request, parents of the students in the Academy will be kept informed as to the character of the work being done.

Graduates from the academy will be granted a diploma showing completion of this work and will be admitted to the University without examination.

To that student graduating from the Academy with the highest average grade of work done in residence of at least one year will be granted a prize in the form of a free tuition in the College of Liberal Arts for one semester, providing

# UNIVERSITY OF REDLANDS

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such work be taken during the year immediately following that in which said student completed the Academy.

## DORMITORIES AND ROOMS

The two halls, the one for men, the other for women, supply accommodations for a limited number of students. Those who cannot be thus provided for, or for any reason prefer to room and board elsewhere may secure a list of approved places upon application to the Registrar. (For rates see Expenses).

## HISTORY

*A. Harvey Collins, Professor.*

### A. AMERICAN HISTORY AND CIVICS

Recognizing that the student in the last years of his Academy course is within but a few years of active citizenship, the course is designed to give him a knowledge, not of facts merely, but also of the methods of our Government, and of his share in it. Therefore a somewhat intensive study will be made of such topics as will call for comparison and the exercise of judgment on the part of the student and at the same time show the institutional and constitutional development of our country.

Four hours per weeks, first semester.

Required of Academy students.

### B. AMERICAN HISTORY AND CIVICS

Continuation of History A.

Four hours per week, second semester.

Required of Academy students.

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## ENGLISH

*Geo. D. Knights, Professor.*

A. FIRST YEAR ENGLISH

The fundamentals of composition will be studied. There will be much practice in writing. Selections from the books to be read for college entrance will be studied. Four hours per week, first semester.

B. FIRST YEAR ENGLISH

Continuation of English A.  
Four hours per week, second semester.

C. SECOND YEAR ENGLISH

Some rhetorical principles will be considered. There will be some thoro word study, and frequent practice in literary expression. Some of the books for study in the college entrance requirement will be reviewed thoroly. There will be some additional reading. Four hours per week, first semester.

D. SECOND YEAR ENGLISH

The principles of Argumentation will be taught, and there will be practice in the application of these principles. The work with the books for study and reading for college entrance will be completed. Four hours per week, second semester.

## LATIN

*James W. Kyle, Professor*

A. CICERO—*Orations and Letters*

Weekly exercise in composition of the text. Daily practice in reading the Latin to secure fluency and expression. Special studies on the life and times of Cicero. Memorizing of select passages. Four hours per week, first semester.



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- B. **CICERO**—*Orations and Letters*  
Continuation of Latin A.  
Four hours per week, second semester.
- C. **VERGIL**—*Aeneid, Books I-VI, and Selections*  
Exercises in metrical reading of the text. Systematic study of Vergil's spirit, style and grammatical idioms.  
Four hours per week, first semester.
- D. **VERGIL**—*Aeneid, Books I-VI, and Selections*  
Continuation of Latin C.  
Four hours per week, second semester.

## GREEK

*James W. Kyle, Professor*

- A. **ELEMENTARY GREEK**  
Inflections, syntax and composition. Reading in the the Anabasis of Xenophon.  
Four hours per week, first semester.
- B. **ELEMENTARY GREEK**  
Continuation of Greek A.  
Four hours per week, second semester.
- C. **XENOPHON**—*Anabasis, Books I-IV*  
Exercises in recomposition of the text. Daily practice in the reading of the Greek. Review of syntax with Goodwin's Grammar.  
Four hours per week, first semester.
- D. **XENOPHON**—*Anabasis*  
Continuation of Greek C.  
Four hours per week, second semester.

NOTE—For the present the courses in elementary Greek and Xenophon's Anabasis, if taken in this institution, will receive college credit as electives, at the rate of three hours per semester.



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## FRENCH

*Edith A. Hill, Associate Professor*

A. FIRST YEAR FRENCH

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable to the grade of work required will be read.

Four hours per week, first semester.

B. CONTINUATION OF FRENCH A

Four hours per week, second semester.

C. SECOND YEAR FRENCH

Rapid review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year.

Three hours per week, first semester.

D. CONTINUATION OF FRENCH C

Three hours per week, second semester.

## GERMAN

*Edith A. Hill, Associate Professor*

A. FIRST YEAR GERMAN

Systematic training in simple conversation, narration and the elements of German grammar. Texts suitable for the work of the first year will be read.

Four hours per week, first semester.

B. FIRST YEAR GERMAN

Continuation of German A.

Four hours per week, second semester.

# UNIVERSITY OF REDLANDS

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## C. SECOND YEAR GERMAN

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Three hours per week, first semester.

## D. SECOND YEAR GERMAN

Continuation of German C.

Three hours per week, second semester.

## MATHEMATICS

*Victor L. Duke, Professor*

### A. PLANE GEOMETRY

Much stress is laid upon the working of original exercises. Many of these will be written and many solved extempore before the class.

Four hours per week, first semester.

### B. PLANE GEOMETRY

Continuation of Mathematics A.

Four hours per week, second semester.

### C. INTERMEDIATE ALGEBRA

Much attention is paid to factoring theory of exponents, quadratic equations, ratio and proportion, the progressions and the binominal theorem for positive integral exponents.

Prerequisite, the equivalent of four hours per week for one year of Elementary Algebra.

Four hours per week, first semester.

### D. SOLID GEOMETRY

The fundamental propositions of solid and spherical geometry with many original exercises applied especially to the mensuration of solids.

Prerequisite, Mathematics A and B.

Four hours per week, second semester.

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## CHEMISTRY

*S. Guy Jones, Professor*

### A. ELEMENTS OF CHEMISTRY

A beginning course in Chemistry, mainly descriptive in nature, which, while given for a foundation for higher courses in Chemistry, is complete in itself. Offered in the Academy first year course and to students needing Chemistry for entrance credit.

Three recitations and two laboratory periods per week, first semester.

### B. ELEMENTS OF CHEMISTRY

Continuation of Chemistry A.

Three recitations and two laboratory periods per week, second semester.

## PHYSICS

(—————) *Professor*

### A. ELEMENTARY PHYSICS

A recitation and laboratory course which is prerequisite for all college courses in Physics. Given in the Academy second year, and also open to students entering the University who do not offer one year of entrance Physics.

Three recitations and two laboratory periods per week, first semester

### B. ELEMENTARY PHYSICS

Continuation of Physics A.

Three recitations and two laboratory periods per week, second semester.

UNIVERSITY OF REDLANDS

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Register of Students

For the Year 1911-12

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COLLEGE OF LIBERAL ARTS

GRADUATE STUDENTS

Spence, Mrs. Emma Jones.....Redlands, Cal.

SENIORS

Gaines, V. Claire..... Redlands, Cal.  
Greenup, Campbell Hewitt.....Redlands, Cal.  
Hidden, Elizabeth.....Redlands, Cal.  
Humphrey, Grace Myrtle..... Orange, Cal.  
Klitzing, Hans Caspar von..... Germany  
McNair, Harley Farnsworth..... Redlands, Cal.  
Thompson, Samuel Reed.....Redlands Cal.

JUNIORS

Field, Helen Marie.....Redlands, Cal.  
Hatcher, Joybell..... Redlands, Cal.  
Jackson, Tracy Ball..... Riverside, Cal.  
Matthews, Vera Ethel..... Banning, Cal.  
Whitmore, Lillian.....West Union, Ia.

SOPHOMORES

Arthur, Cecil Esterley.....Washington, Ind.  
Blanc, Clarence E.....Julian, Cal.  
Bonnell, Robert O..... Redlands, Cal.  
Beebe, Wallace Burdette.....Corona, Cal.  
Clement, Vesta May..... Los Angeles, Cal.  
Coolidge, Frances Emily.....Pasadena, Cal.  
Cumings, Sophie Louise.....Redlands, Cal.



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Dodge, Henry Chipman...	Stockton, Cal.
Ellington, Grace Parthina.....	Azusa, Cal.
Foote, Wilfred Rose.....	Redlands, Cal.
Fowler, Leonard Baugh.....	Los Angeles, Cal.
Gerber, Raymond Clyde.....	Highland, Cal.
Goodman, Donald Charles.....	Phoenix, Ariz.
Gordon, Anita Margarita.....	Oxnard, Cal.
Holt, Herbert Brayton.....	Riverside, Cal.
Hentschke, Walter George .....	Redlands, Cal.
Kerrick, Josephine.....	Riverside, Cal.
Knight, Samuel.....	Redlands, Cal.
Meeker, Marion Grace.....	Redlands, Cal.
Newton, Clair Mead.....	Corona, Cal.
Spayth, Newell Daniel.....	Upland, Cal.
Verdugo, Castenia M.....	Redlands, Cal.
Williams, Roger John.....	Redlands, Cal.
Wood, Hazel Elizabeth.....	Glendale, Cal.

## FRESHMEN

Adamsen, Edith Vera.....	Bangkok, Siam.
Blanchard, Maud C.....	Banning, Cal.
Blowers, Hughes Milnor.....	Madera, Cal.
Bronk, Herbert Hyland.....	Long Beach, Cal.
Brown, Ernest E .....	Redlands, Cal.
Clark, Laura.....	Salem, Ore.
Cooley, Kate.....	San Bernardino, Cal.
Cramer, Ida Ruth.....	Baldwin, Kan.
Daniels, Guy.....	Azusa, Cal.
Echeverria, Raphael.....	Redlands, Cal.
Gettys, Thomas Robert.....	Redlands, Cal.
Geistweit, William Henry, Jr.....	San Diego, Cal.
Hedstrom, Ester Vendla.....	Anaheim, Cal.
Hill, Lucy Christine.....	Santa Ana, Cal.

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Hoff, Ernest G.....	Lordsburg, Cal.
Hook, Esther Eugenia.....	Perris, Cal.
Huntington, Herbert A.....	Redlands, Cal.
Jameson, Emily Dean.....	Corona, Cal.
Kipf, Max Alfred.....	Riverside Cal.
Krause, Vernetta Grover.....	Savanna, Ill.
Lackman, Robert .....	Redlands, Cal.
Lambert, Florella.....	Redlands, Cal.
Lane, Golden.....	Del Rosa, Cal.
Lewis, Charles Benson.....	Edgewater, Colo.
Linsley, Paul Judson.....	Pomona, Cal.
Lord, Margaret Wallace.....	Compton, Cal.
Lord-Wood, Everett Russel.....	Redlands, Cal.
Low, Howard.....	Gardena, Cal.
Matteson, Hartley D.....	Pasadena, Cal.
Malone, Armon Wayne.....	Azusa, Cal.
Medland, Dorothy.....	Redlands, Cal.
Merriam, Ralph Truman.....	Pasadena, Cal.
North, Wilber Arthur.....	Urbana, Ohio.
Ott, Ralph T.....	Redlands, Cal.
Parmalee, Iva Emmogene .....	Redlands, Cal.
Parr, Edith Edna.....	Redlands, Cal.
Poole, Roy Warren.....	San Bernardino, Cal.
Rentfrow, Verdie.....	Redlands, Cal.
Rickman, Charles Hulbert.....	Downey, Cal.
Smith, Ruth.....	Los Angeles Cal.
Spayth, Bertha Marie.....	Upland, Cal.
Sykes, Herbert S.....	Pasadena, Cal.
Torrey, Frances Ansley.....	Orange, Cal.
Turrill, May Emeline .....	Redlands, Cal.
Walker, Owen.....	Hollywood, Cal.
Warren, Reginald A.....	Redlands, Cal.

# UNIVERSITY OF REDLANDS

---

## SPECIAL

Adamsen, Olive Harriett.....	Bangkok, Siam.
Arth, Edna .....	Redlands, Cal.
Arth, Minnie.....	Redlands, Cal.
Bennett, James William.....	Greensburg, Ind.
Black, Sena Elizabeth.....	Fallon, Nev.
Black, Carolina A.....	Fallon, Nev.
Blair, George C.....	Redlands, Cal.
Carpenter, Isabel.....	Redlands, Cal.
Cherrier, Ruth.....	Redlands, Cal.
Cook, Flora C.....	Redlands, Cal.
Dorn, Alice D.....	Redlands, Cal.
Dudley, Sara F.....	Redlands, Cal.
Gilman, Eunice.....	Redlands, Cal.
Hill, Nellie Louise.....	Santa Ana, Cal.
Hoagland, Geo. R.....	San Bernardino, Cal.
Hooper, Marjorie.....	San Bernardino, Cal.
Hough, Marguerite Mae.....	Plymouth, Mich.
Kennelly, Thomas.....	Redlands, Cal.
Lockhart, Joseph L.....	Redlands, Cal.
McConnell, Ruth.....	Los Angeles, Cal.
McQuilkin, Minnie M.....	San Bernardino, Cal.
Moore, Claudia Vivienne .....	St. Louis, Mo.
Meeker, Zenas Earl.....	Redlands, Cal.
Melville, Harold Farr .....	Redlands, Cal.
Ogborn, Gladys Henrietta .....	Riverside, Cal.
Peirce, Edna Irene.....	Azusa, Cal.
Reeves, Ursul Mildred.....	Redlands, Cal.
Rice, Baldwin.....	Redlands, Cal.
Symmes, Eleanor.....	Redlands, Cal.
Warden, Martin Baker .....	Chicago, Ill.



# UNIVERSITY OF REDLANDS

---

## ACADEMY

Adamsen, Albert Chandler.....	Bangkok, Siam.
Beardslee, Elbert E. ....	Azusa, Cal.
Brooks, S. Gordon.....	Phoenix, Ariz.
Branch, William Ormond.....	Redlands, Cal.
Chedester, Franklin Pierce.....	Redlands, Cal.
Cram, Fred.....	Highland, Cal.
Coshow, Dale.....	Roseburg, Ore.
Davis, Mary Louise.....	Terre Haute, Ind.
Edwards, Curtis Vergil .....	Redlands, Cal.
Garner, Robert F., Jr.....	San Bernardino, Cal.
Hull, Alonzo B.....	Coronado, Cal.
Koonce, Lawrence Leo.....	Madera, Cal.
Miller, Donald Freeman .....	Pasadena, Cal.
Mahan, Miles Marium.....	Camarillo, Cal.
Mahan, Sterley Stanley.....	Camarillo, Cal.
Nichols, Norman Rae.....	Metcalf, Ariz.
Porter, Ora.....	Redlands, Cal.
Ray, Oma Reval .....	Crowell, Tex.
Riley, Chas. Fred, Jr.....	San Bernardino, Cal.
Silke, Victor Stanley.....	Santa, Barbara, Cal.
Slawson, Lillian Lake .....	Highland, Cal.
Smith, Welcome Burr.....	San Bernardino, Cal.
Stevenson, Milton Stewart.....	Des Moines, Ia.
Stockton, Howard C.....	San Diego, Cal.
Thompson, Ira Le Roy,.....	Hollywood, Cal.
West, Mabel Louise .....	Redlands, Cal.
Wilson, Lorraine.....	Pomona, Cal.
Wilson, William Rollo.....	Pomona, Cal.



# UNIVERSITY OF REDLANDS

---

## COLLEGE OF FINE ARTS

### SENIORS

Montgomery, Mary Phillips.....Redlands, Cal.

### JUNIORS

Bekins, Ruth M..... Los Angeles, Cal.

Curtis, Faye.....Redlands, Cal.

Eckles, Leon L.....Redlands, Cal.

Hatcher, Joybell.....Redlands, Cal.

Ogborn, Gladys Henrietta..... Riverside, Cal.

Raught, E. May.....Redlands, Cal.

### SOPHOMORES

Fowler, Beatrice Fessenden.....Ontario, Cal.

Hill, Nellie Louise..... Santa Ana, Cal.

Melville, Harold Farr.....Redlands, Cal.

### FRESHMEN

Black, Carolina A..... Fallon, Nev.

Gilman, Eunice.....Redlands, Cal.

Grepe, Lydia Jacqueline.....East Highlands, Cal.

Henrickson, Inez Vivian.....Highland, Cal.

Hooper, Marjorie.....San Bernardino, Cal.

Hough, Marguerite Mae.....Plymouth, Mich.

McQuilkin, Minnie M.....San Bernardino, Cal.

### SPECIAL

Arth, Minnie.....Redlands, Cal.

Arth, Edna.....Redlands, Cal.

Arthur, Cecil Esterley.....Washington, Ind.

Beebe, Wallace Burdette.....Corona, Cal.

Bennett, James William.....Greensburg, Ind.

Carpenter, Isabel.....Redlands, Cal.

# UNIVERSITY OF REDLANDS

---

Clark, Edythe Gertrude.....	Plainfield, N. J.
Coolidge, Frances Emily .....	Pasadena, Cal.
Coshow, Dale.....	Roseburg, Ore.
Covington, Irma.....	Redlands, Cal.
Dudley, Sarah.....	Redlands, Cal.
Field, Helen Marie.....	Redlands, Cal.
Fowler, Georgie B.....	Redlands, Cal.
Green, Ruth.....	Loma Linda, Cal.
Herold, Roberta Carolyn.....	Redlands, Cal.
Holcomb, Rollo S .....	Redlands, Cal.
Horton, Alice.....	Redlands, Cal.
Hopkins, Edward C.....	Redlands, Cal.
Jameson, Emily Dean.....	Corona, Cal.
Jackson, Tracy Ball.....	Riverside, Cal.
Lyon, Lola M.....	Colton, Cal.
Medland, Dorothy.....	Redlands, Cal.
Meeker, Zenas Earl.....	Redlands, Cal.
Miller, Grace E.....	Redlands, Cal.
Mitchell, Leora Stuart.....	Redlands, Cal.
Moore, Gretchen.....	Redlands, Cal.
Norris, Jean.....	Redlands, Cal.
Porter, Ora.....	Redlands, Cal.
Raught, Charles Chalmers.....	Redlands, Cal.
Saunders, Inez.....	Redlands, Cal.
Slawson, Lillian Lake.....	Highland, Cal.
Smith, Ruth .....	Los Angeles, Cal.
Wilson, Lorraine.....	Pomona, Cal.

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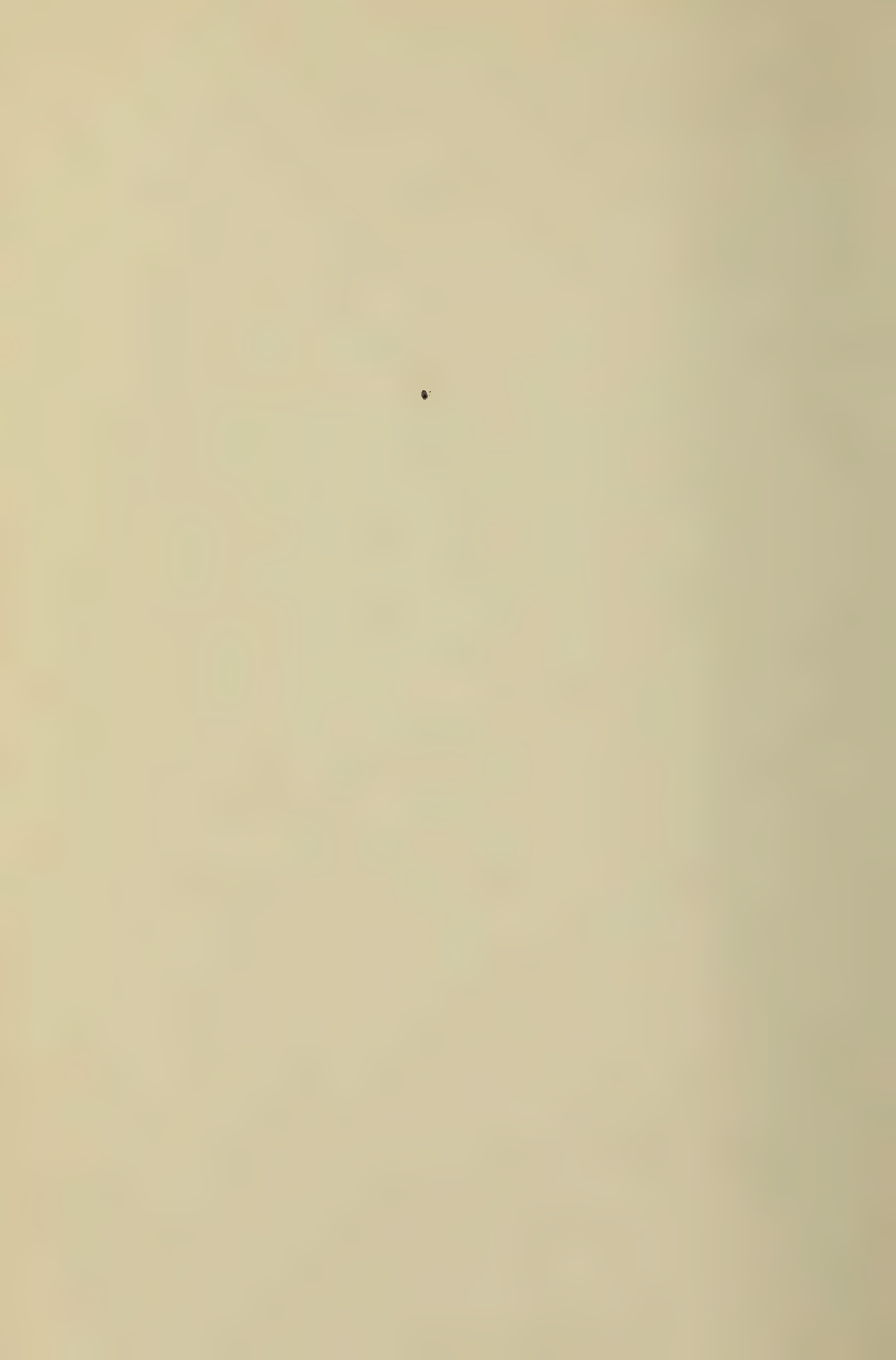
Total Enrollment.....	192
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Enumerated twice.....	29
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Net Enrollment.....	163
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# UNIVERSITY OF REDLANDS

---

## COLLEGE OF FINE ARTS

### SENIORS

Montgomery, Mary Phillips.....Redlands, Cal.

### JUNIORS

Bekins, Ruth M..... Los Angeles, Cal.

Curtis, Faye.....Redlands, Cal.

Eckles, Leon L.....Redlands, Cal.

Hatcher, Joybell.....Redlands, Cal.

Ogborn, Gladys Henrietta..... Riverside, Cal.

Raught, E. May.....Redlands, Cal.

### SOPHOMORES

Fowler, Beatrice Fessenden.....Ontario, Cal.

Hill, Nellie Louise..... Santa Ana, Cal.

Melville, Harold Farr.....Redlands, Cal.

### FRESHMEN

Black, Carolina A..... Fallon, Nev.

Gilman, Eunice.....Redlands, Cal.

Grepe, Lydia Jacqueline.....East Highlands, Cal.

Henrickson, Inez Vivian.....Highland, Cal.

Hooper, Marjorie.....San Bernardino, Cal.

Hough, Marguerite Mae.....Plymouth, Mich.

McQuilkin, Minnie M.....San Bernardino, Cal.

### SPECIAL

Arth, Minnie.....Redlands, Cal.

Arth, Edna.....Redlands, Cal.

Arthur, Cecil Esterley.....Washington, Ind.

Beebe, Wallace Burdette.....Corona, Cal.

Bennett, James William.....Greensburg, Ind.

Carpenter, Isabel.....Redlands, Cal.

# UNIVERSITY OF REDLANDS

---

Clark, Edythe Gertrude.....	Plainfield, N. J.
Coolidge, Frances Emily .....	Pasadena, Cal.
Coshow, Dale.....	Roseburg, Ore.
Covington, Irma.....	Redlands, Cal.
Dudley, Sarah.....	Redlands, Cal.
Field, Helen Marie.....	Redlands, Cal.
Fowler, Georgie B.....	Redlands, Cal.
Green, Ruth.....	Loma Linda, Cal.
Herold, Roberta Carolyn.....	Redlands, Cal.
Holcomb, Rollo S .....	Redlands, Cal.
Horton, Alice.....	Redlands, Cal.
Hopkins, Edward C.....	Redlands, Cal.
Jameson, Emily Dean.....	Corona, Cal.
Jackson, Tracy Ball.....	Riverside, Cal.
Lyon, Lola M.....	Colton, Cal.
Medland, Dorothy.....	Redlands, Cal.
Meeker, Zenas Earl.....	Redlands, Cal.
Miller, Grace E.....	Redlands, Cal.
Mitchell, Leora Stuart.....	Redlands, Cal.
Moore, Gretchen.....	Redlands, Cal.
Norris, Jean.....	Redlands, Cal.
Porter, Ora.....	Redlands, Cal.
Raught, Charles Chalmers.....	Redlands, Cal.
Saunders, Inez.....	Redlands, Cal.
Slawson, Lillian Lake.....	Highland, Cal.
Smith, Ruth .....	Los Angeles, Cal.
Wilson, Lorraine.....	Pomona, Cal.

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Total Enrollment.....	192
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Enumerated twice.....	29
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Net Enrollment.....	163
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1912/13

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**UNIVERSITY**  

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**OF**

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**REDLANDS**  
**BULLETIN**

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**Annual Catalog**

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**VOL. III**

**MARCH, 1913**

**No. 1**

**PUBLISHED QUARTERLY BY THE  
UNIVERSITY OF REDLANDS**







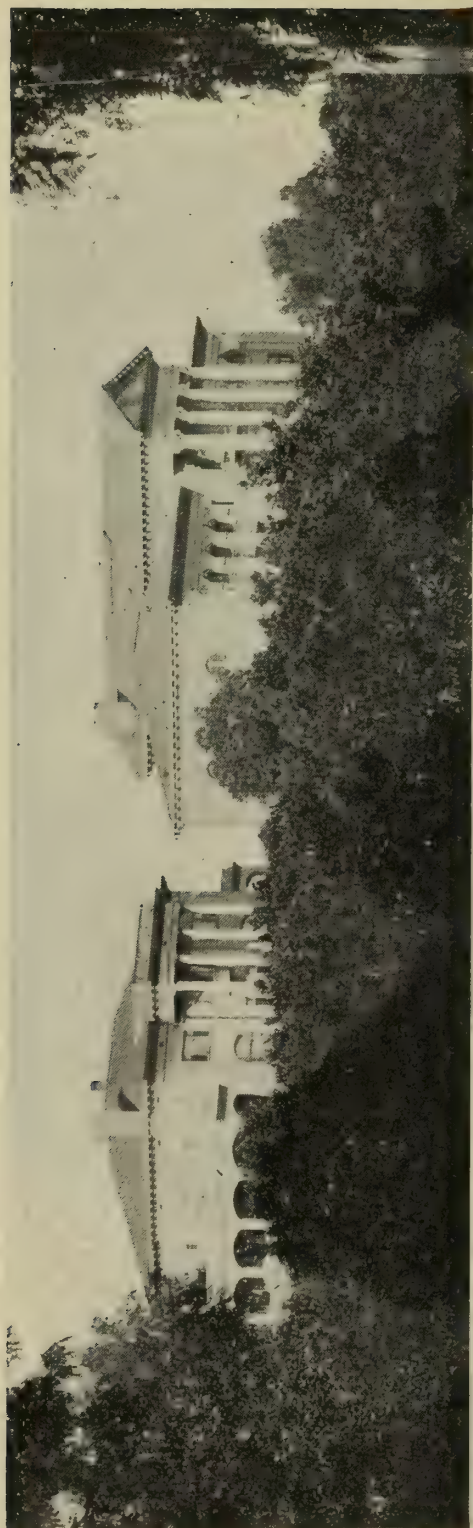








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REDLANDS

Fifth Annual Announcement

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1913-1914

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UNDER THE ACT OF JULY 16th, 1894.

CITROGRAPH  
PUBLISHING  
COMPANY  

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REDLANDS



# UNIVERSITY OF REDLANDS

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# UNIVERSITY OF REDLANDS

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Sep. 16  
Oct. 16  
Nov. 16  
Dec. 16  
Jan 5  
Feb. 4

# UNIVERSITY OF REDLANDS

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## Calendar

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### 1913.

September 15th and 16th, Monday and Tuesday—  
Entrance examinations and registration for First  
Semester.

Note—The Monday registration is especially intended  
for students of Redlands.

September 17th, Wednesday—First Semester begins  
with Assembly at 10 a. m.

November 27th, Thursday, to  
December 1st, Monday, at 1:30 p. m.

Thanksgiving Recess

December 19th, Friday—Christmas Vacation begins at  
4:30 p. m.

### 1914.

January 5th, Monday—Christmas Vacation ends at  
1:30 p. m.

January 22nd, Thursday—Day of Prayer for Colleges.

February 2nd, 3rd and 4th, Monday, Tuesday and  
Wednesday—Mid-year examinations.

February 5th, Thursday—Entrance examinations and  
registration for Second Semester.

February 6th, Friday—Second Semester begins at 8  
a. m.

March 27th, Friday—Spring Vacation begins at 4:30  
p. m.

April 6th, Monday—Spring Vacation ends at 1:30 p. m.

# UNIVERSITY OF REDLANDS

---

June 4th, 5th and 6th, Wednesday, Thursday and Friday—Final examinations.

June 13th, Saturday—Anniversary of the College of Fine Arts, Department of Music, 8:00 p. m.

June 14th, Sunday—Baccalaureate Sermon, 11 a. m.  
Vesper Service, 4:30 p. m.

June 15th, Monday evening—Annual Zanjafiesta.

June 16th, Tuesday—Class Day.  
Graduating exercises of Academy.  
President's Reception.

June 17th, Wednesday—Commencement. 10:30 a. m.  
Alumni Reunion and Banquet.



# UNIVERSITY OF REDLANDS

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## Board of Trustees

---

### MEMBERS OF THE BOARD

#### Term expiring 1914

Dr. J. N. Field, D. D., Redlands.  
Thos. Lovell, Long Beach.  
Arthur Gregory, Redlands.  
W. F. Wood, Glendale.  
Isaac Ford, Redlands.  
Dr. Geo. D. Knights, Long Beach.  
Rev. Geo. C. Wright, Santa Barbara.

#### Term expiring 1915

Mattison B. Jones, Los Angeles.  
Rev. G. F. Holt, D. D., Riverside.  
K. C. Wells, Redlands,  
J. H. Merriam, Pasadena.  
Rev. W. H. Geistweit, D. D., San Diego.  
Rev. Arthur S. Phelps, D. D., Los Angeles.  
L. A. Boadway, Pasadena.  
Thomas George, Santa Barbara.  
Weymouth Crowell, Los Angeles.

#### Term expiring 1916

A. T. Currier, Pomona.  
W. B. Percival, M. D., Los Angeles.  
Rev. J. Whitcomb Brougher, D. D., Los Angeles.  
J. H. Strait, Redlands.  
T. C. Roseberry, Los Angeles.  
W. H. Fowler, Ontario.  
Rev. W. F. Harper, Pomona.  
J. W. Curtis, San Bernardino.

# UNIVERSITY OF REDLANDS

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## OFFICERS OF THE BOARD

MATTISON B. JONES, President - - Los Angeles, Cal.  
H. W. Hellman Building.

T. C. ROSEBERRY, Vice-President - Los Angeles, Cal.

J. W. CURTIS, Secretary - - - San Bernardino, Cal.  
Seventh and E Streets.

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VICTOR L. DUKE, Treasurer - - - Redlands, Cal.

T. C. ROSEBERRY, Business Manager - Los Angeles, Cal.

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## Executive Committee

Mattison B. Jones.

Jasper Newton Field, D. D.

J. W. Curtis.

T. C. Roseberry.

J. H. Merriam.

W. H. Fowler.

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The regular meetings of the Board of Trustees are held the first Tuesday after the annual session of the Southern California Baptist Convention at one o'clock p. m., and in June on the date determined upon by the Board of Trustees.

# UNIVERSITY OF REDLANDS

---

## Faculty

---

JASPER NEWTON FIELD, D. D. President of the University. *Professor of Moral Philosophy.*

Graduate of Denison University. Graduate of the University of Chicago Divinity School. D. D. of his Alma Mater, 1909.

Residence, University Hill.

A. HARVEY COLLINS, A. M., Registrar.

*Professor of History.*

A. B., Indiana University, 1890. University of California Summer School Sessions, 1903, 1906.

A. M., University of Southern California, 1912.

Superintendent of Schools, Hartington, Neb., 1890-1895. Bloomfield, Neb., 1895-6. Principal of Garfield School, Pasadena, Cal., 1896-1902. Supervising Principal, Redlands Grammar Schools, 1902-1906. Supervising Principal and Principal of Covina City and Union High Schools 1906-9.

Associate Professor of History, University of Redlands, 1909-11. Professor of History 1911—.

Residence, 314 West Olive Avenue.

VICTOR L. DUKE, A. M., Treasurer, Acting Dean of the University.

*Professor of Mathematics.*

A. B., Shurtleff College, 1897, A. M., 1903. University of Chicago Summer Sessions, 1898, 1899, 1900, 1901 and 1903.

Professor of Mathematics, Shurtleff College, 1897-1909.

University of Redlands 1909—.

Residence, 338 Chestnut Avenue.

# UNIVERSITY OF REDLANDS

---

JAMES W. KYLE, A. M.

*Professor of Ancient Languages.*

A. B., Denison University, 1894. A. M., University of Chicago, 1900.

Student Royal Museum, Berlin, 1898. Member of American School of Classical Studies, Athens, Greece, 1898-99. Acting Professor of Greek, University of Missouri, 1900-01. Professor of Greek, William Jewell College, 1901-1909.

University of Redlands, 1909—.

Residence, 621 University Street.

S. GUY JONES, B. S., *Professor of Chemistry.*

B. S., Denison University, 1903.

Instructor in Science, High School, Piqua, Ohio, 1903-04. Instructor in Chemistry and Physics, Pillsbury Academy, Minn., 1904-09. Professor Chemistry and Physics, University of Redlands, 1909-12. Professor of Chemistry, University of Redlands, 1912—.

Residence, 110 Myrtle Street.

GEORGE ROBERTSON, A. B.

*Professor of Biology and Geology.*

A. B., McGill University, Montreal, 1881. Graduate Congregational College, Montreal, Canada, 1882.

Instructor in Logic, St. Francis College, Richmond, Quebec, 1887. Instructor in Greek, Toronto, Canada, 1889-90. Private instructor in Botany and Geology, Redlands, California.

Instructor in Botany and Geology, University of Redlands, 1909-11. Professor of Biology and Geology, University of Redlands, 1911—.

Residence, 152 The Terrace.



# UNIVERSITY OF REDLANDS

---

HERBERT E. WISE, A. B.

*Professor of Philosophy and Sociology.*

A. B., University of Manitoba, 1892. Graduate of Newton Theological Institution, 1897.

Instructor in Philosophy and Economics, University of Redlands, 1910-11.

Professor of Philosophy and Sociology, University of Redlands, 1911—.

Residence, 775 Linda Vista.

EDITH ABIGAIL HILL, A. B.

*Professor of Modern Languages.*

A. B., Leland Stanford Junior University, 1903. Student at the Sorbonne, Paris, 1903. Student University of Berlin, 1904. Student in Mexico, 1905. Student University of Madrid, 1909-10.

Instructor in Modern Languages, High School, Redlands, Cal., 1905-09.

University of Redlands, 1910—.

Residence, 14 Clifton Avenue.

GEO. J. KYLE, A. B.

*Professor of English Literature.*

A. B., Denison University, 1896. Graduate student, University of Chicago, 1896 and 1901. Summer Sessions University of Iowa, 1904, and University of California, 1912. Professor Natural Sciences Central University of Iowa. 1904-06 Professor Biology and Geology, McMinnville College, 1906-09. Professor English, *ibid.*, 1909-10. Professor English, New Mexico College of Agriculture and Mechanic Arts, 1910-12. University of Redlands, 1912—.

Residence, 952 East Central Avenue.

# UNIVERSITY OF REDLANDS

---

HERBERT EUGENE MARSH, B. S. ✓

*Professor of Physics.*

B. S., Michigan Agricultural College, 1908. Taught five years in the Public Schools of Michigan. Department of Physics and Department of Civil Engineering, Michigan Agricultural College 1908-1912.

University of Redlands, 1912—.

Residence, 648 East Fern Avenue.

ALICE M. WILLIAMS, A. M. ✓

*Associate Professor of English.*

Ph. B., Ottawa University, 1905. A. M., University of Redlands, 1911.

Teacher of History and German, High School, Chillicothe, Mo., 1905-8. Teacher of Latin and History, Hiawatha Academy, Hiawatha, Kansas, 1908-9. Bible School Organizer for State Baptist Convention of Kansas, 1909-10.

University of Redlands, 1911—.

Residence, 114 Webster Street.

DON JOSE M. A. RODRIGUES. ✓

*Professor of History of Music and Instructor in Italian.*

MARY PHILLIPS MONTGOMERY, A. B., Mus. Bac.

*Instructor in Italian.*

# UNIVERSITY OF REDLANDS

---

## COLLEGE OF FINE ARTS

JASPER NEWTON FIELD, D. D., President of the  
University.

DON JOSE M. A. RODRIGUES, Dean.

*Professor of Voice, General Repertoire and  
Bel Canto, and History of Music. Instruc-  
tor in Italian.*

Student of Vannini and Vanuccini in Florence,  
Italy, and of Sbriglia, Paris, France. Student in  
Theory of Monti of the Milan Conservatory, Italy.  
Director of private conservatories in Florence,  
Italy; Washington, D. C.; and Redlands, Cali-  
fornia.

University of Redlands, 1909—.

Residence, 932 East Colton Avenue.

EDWARD CADORET HOPKINS, Head of Piano and  
Organ Department.

*Professor of Piano and Organ. Instructor  
in Theory, Director of Orchestra and Choral.*

Student of H. J. Stewart, Mus. Doc., and Mme.  
Leonil Brandt, of San Francisco.

University of Redlands, 1909—.

Residence, Redlands, Cal.

# UNIVERSITY OF REDLANDS

---

IGNAZ HAROLDI, Head of Violin Department.  
*Professor of Violin.*

Student of Joachim, Wilhelmj and Rappoldi.  
Honored by the reigning King of Saxony. (Has international reputation. Played forty-eight concerts in North America. Broad experience as expert teacher.)

University of Redlands, 1913—.

Winter Residence, Hollywood, California.

F. B. GUNTHER.

*Instructor in Violin, Preparatory.*

Studied for ten years in New York and other American cities. Student of Krauss. Private studio, Redlands, Cal.

University of Redlands, 1910—.

Residence, 155 Fourth Street.

MARY PHILLIPS MONTGOMERY, A. B., Mus. Bac.  
*Instructor in Italian, Theory, Harmony and Solfeggio.*

A. B., Wellesley College, Mus. Bac., University of Redlands, 1912.

Residence, 38 West Highland Avenue.

ELIZABETH MAY RODRIGUEZ.

*Instructor in Piano, Preparatory.*

University of Redlands, 1911—.

Residence, 932 East Colton Avenue.

FLORA COOK.

*Instructor in Piano, Preparatory.*

Graduate of Lake Erie College Conservatory, 1903. Private studio, Redlands.

University of Redlands, 1913—.



# UNIVERSITY OF REDLANDS

---

GEORGE J. KYLE, A. B.

*Professor of English Literature.*

A. HARVEY COLLINS, A. M.

*Professor of History and Registrar.*

HERBERT E. WISE, A. B.

*Professor of Philosophy. Instructor in  
Biblical Studies.*

EDITH ABIGAIL HILL, A. B.

*Professor of Modern Languages.*

---

\*N. EDWIN SANDERS, A. B., M. D.

*Physical Instructor and Director of Athletics.*

A. B., Grinnell College, Ia., 1893. Graduate Physical Department, Y. M. C. A. Training College, Springfield, Mass., 1897. M. D., Harvard University Medical School, 1901.

Instructor Harvard Summer School of Gymnastics, 1900, 1901. Director of Physical Education, Cornell College, Iowa, and at Iowa State Teachers' College, Cedar Falls, Iowa. Physical Director, Y. M. C. A., Mexico City.

University of Redlands, 1912—

MISS MARION COX, B. S.

*Matron of Bekins Hall.*

B. S., Simmons College, Boston, Mass.

---

\*Resigned February 1, 1913.

# UNIVERSITY OF REDLANDS

---

## STANDING COMMITTEES

1913-14

---

Athletics—

S. Guy Jones, J. W. Kyle.

Discipline—

President Field, V. L. Duke, H. E. Wise.

Dormitories—

V. L. Duke, H. E. Wise, George Robertson.

Grounds—

J. W. Kyle, Geo. Robertson.

Library—

H. E. Wise, Geo. J. Kyle, H. E. Marsh.

Museum—

George Robertson.

\*Orchard—

A. H. Collins.

Prizes—

J. W. Kyle.

Publications—

A. H. Collins, S. G. Jones, G. J. Kyle.

Schedule—

S. G. Jones, A. H. Collins, E. A. Hill.

Student Literary Activities—

E. A. Hill, A. H. Collins, A. M. Williams.

---

\*In conjunction with a committee of the Board of Trustees.

# UNIVERSITY OF REDLANDS

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## LECTURES—1912-13

---

During the present year, 1912-13, the University of Redlands has been favored with a number of assembly addresses by distinguished men. During the year 1913-14, we are to be favored with addresses by the prominent men whose names appear below, subjects and dates to be arranged later :

S. L. Beiler, M. D., Redlands, Cal.

Rev. Ralph P. Smith, Rector Trinity Episcopal Church, Redlands, Cal.

Mr. Wm. F. Holt, President Holtville Power Co., Holtville Interurban Railway and Imperial Valley Gas Co., Redlands, Cal.

Mr. J. W. Curtis, Attorney, San Bernardino, Cal.

Mr. Edgar Williams, Editor Redlands Daily Review, Redlands, Cal.

Hoell Tyler, M. D., Redlands, Cal.

Mr. J. M. Davis, Secretary Y. M. C. A., Redlands, Cal.

Mr. C. C. Hermans, Pasadena, Cal.

Rev. Frank Lucas, Pastor Grace M. E. Church, Redlands, Cal.

Mr. John P. Fisk, Real Estate and Loans, Redlands, Cal.

## Events of the Past Year

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The following are the important events which have occurred during the past year :

### COMMENCEMENT WEEK

June 9th, Sunday, 11 a. m.—Baccalaureate Sermon by President Jasper Newton Field, D. D.

4 p. m.—Vesper Service. Address by Rev. Otto S. Russell, Pastor First Baptist Church, Santa Ana.

June 10th, Monday, 7:30 to 10 p. m.—Students' Annual Zanjafiesta.

June 11th, Tuesday, 8 p. m.—Anniversary of the College of Fine Arts. Department of Music.

June 12th, Wednesday, 2:00 p. m.—Class Day Exercises of the Class 1912.

8 p. m.—President's Reception.

June 13th, Thursday. Commencement Day, 10:30 a. m.—Address by Rev. W. F. Harper, Pastor First Baptist Church, Pomona, Cal.

Address and conferring of degrees by President Jasper Newton Field, D. D.

1:15 p. m.—Third annual college dinner.



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September 19th, Thursday, 10 a. m.—Opening of the fourth year of the University of Redlands. Address at Assembly by Rev. J. Whitcomb Brougher, D. D., Pastor Temple Baptist Church, Los Angeles.

Assembly talks by the following: Rev. Wm. Bayard Craig, D. D., Pastor of First Christian Church, Redlands; Rev. Nathan Dushane Hynson, D. D., Pastor First Presbyterian Church, Redlands; Rev. John Hedley, Tientsin, China, Fellow Royal Geographical Society, London.

January 23d, Thursday—Day of Prayer for Colleges. Talk by Rev. Harcourt W. Peck, D. D., Pastor of M. E. Church, Redlands, Cal.

February 12th, Wednesday—Assembly Talk, “Thinking.” President Emory W. Hunt, D. D., President of Denison University.

March 5th, Wednesday—Rev. Albert Hatcher Smith, Pastor First Baptist Church, Hollywood, Cal.

## University of Redlands

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### HISTORICAL

On the seventh day of December, 1906, the Baptists of Southern California, in Convention assembled in Berean Hall, Los Angeles, resolved to found and foster a high-grade, first-class Christian college. A committee of twenty-one representative men was appointed with power to act. To the satisfaction of the whole demonstration the citizens of Redlands made an offer of \$100,000 and forty acres of land for the location of the school in their city, on condition that the Baptists of Southern California raise at least \$200,000 additional. The proposition was accepted and plans were immediately made for the state canvass. Under the leadership of Doctor Jasper Newton Field, then pastor of the First Baptist Church of Redlands, the canvass was begun on September 1st, 1907. At the convention held in Los Angeles in January, 1909, the assured success of the movement was announced and it was resolved that the canvass be continued until an additional \$200,000 was raised, giving the institution a total asset of \$500,000. This convention also instructed the Board of Trustees to choose Doctor Field as President of the new institution. This was formally done at the first regular meeting thereafter.

To the forty acres given by Redlands for a campus has since been added twenty-three acres, including the

# UNIVERSITY OF REDLANDS

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beautiful University Hill, now occupied by the Administration Building and the President's residence.

With the beginning of the first building the work of actualizing the institution may be said to have commenced. On September 29th, 1909, less than three years from the time of the inception of the movement, the institution threw open its doors to the public.

The University of Redlands was incorporated under that title in 1907. The movement was so full of promise for the future that the Trustees dared to call the institution a university, with the determination to make it such in the fullest sense of the word.

## LOCATION

Redlands, the home of the University, is a beautiful city of 11,000 inhabitants, situated sixty-six miles east of Los Angeles, in the heart of the best orange growing district in the world, and close to the eternal mountains, whose massive strength gives courage, whose grandeur gives inspiration, whose repose gives rest. The city is located at an altitude of about 1400 feet, which gives it as nearly an ideal climate as it is possible to find, sometimes touching the frost point in winter, warm in summer; but, even in the warmest summer months, always having cool and restful nights.

Flowers blossom all the year round and the finest fruits are always in season. The class of people who have made Redlands what it is, coming from all parts of the country, is thoroly cosmopolitan and is closely in touch with the latest thought and endeavor



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of the world. Redlands is a church going city, and with this sentiment thus dominant there is no saloon within her borders. In short, Redlands is a city of high moral tone and culture, justly deserving the name that has been given to it, "The Athens of Southern California." Many trains a day, steam and trolley, connect Redlands with Los Angeles and other nearby towns, the trip to Los Angeles taking two and one-half hours, through the orange groves and vineyards of the garden spot of the United States. Redlands can be reached directly via either the Southern Pacific or the Santa Fe railroads. It is also reached by the Salt Lake Route through San Bernardino and Interurban to Redlands.

The location of this place for an institution of higher learning, such as the University of Redlands, presents unusual opportunities for an ideal home life to parents desiring to have their children live at home while pursuing a college course.

## CAMPUS

In a beautiful valley under the shadow of the "Everlasting Hills" the campus of the University of Redlands surely has an inspiring setting. Its sixty-three acres, under the skill of a landscape architect, aided by a beneficent climate, will in a short time become a spot of rare beauty. A special, and to many, a unique feature of the Campus is a regularly laid out and fruit bearing orange grove of 1500 trees, covering every slope of University Hill. With stately architecture to grace its green sward, winding drives, glowing



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flowers, and wrapt in the indefinable atmosphere which adds so much romance and charm to our Western land, the place itself will surely inspire with the highest ideals the sons and daughters who will throng its halls of learning.

## THE BUILDINGS

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### ADMINISTRATION

The main structure of the whole University scheme, the Administration Building, was completed in 1910. It is massive and monumental in character, a pure example of classic architecture, of the Ionic order. The exterior is faced with gray granite and with its massive columns and red tile roof harmonizes admirably with its majestic setting of mountain and valley.

While designed primarily as an administration building (containing the President's suite and offices of the Registrar and Treasurer), it is at present accommodating the recitation and laboratory work, embracing some sixteen recitation rooms, chemical and physical laboratories, lecture rooms, society halls, locker rooms, etc. The entire equipment is of the highest order, especial attention being paid to the ventilation and sanitary requirements.

### BEKINS HALL

Bekins Hall, the gift of Mr. and Mrs. Martin Bekins of Los Angeles, was completed and occupied in October, 1910. The building is classic in architecture

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and absolutely fire proof in construction. It contains rooms for the accommodation of fifty young women, besides parlors, dining hall and kitchen, and a specially equipped laundry. Many of the rooms are connected with private baths. Ample verandas and a roof garden foster outdoor life.

## REAVIS HALL

Reavis Hall is named in honor of Benjamin H. Reavis of Orange, Cal., whose generous gifts to the University have more than justified the naming of the young men's dormitory. The hall is a pleasant home-like structure, located in the borders of a beautiful orange grove and will accommodate eighteen students.

## PRESIDENT'S HOME

To the east of the Administration Building and forming the second of the group of three, proposed for University Hill, stands the home of the President. This beautiful structure is largely the gift of Mrs. Julia A. Libby of Santa Ana, and harmonizes with the classical design of the other buildings of the campus.

## GYMNASIUM

At the northeast corner of the Athletic Field stands the gymnasium with a floor space 60 by 40 and containing apparatus and facilities for all indoor exercises and sports for both men and women.

# UNIVERSITY OF REDLANDS

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## ORGANIZATIONS

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### **Associated Student Body**

The Associated Student Body is composed of all the students matriculated in the various colleges of the University and the Academy. Its officers are chosen by the student body from their own number. Regular meetings are held each month to deal with matters of general interest to all students.

### **Athletic Association**

A thoroly organized and live Athletic Association, to which every student is expected to belong, is maintained. Each year this association has presented athletic "R's" to those members of the teams who distinguished themselves.

## SOCIETIES AND CLUBS

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### **Pi Kappa Chi**

The young ladies of the University maintain the Pi Kappa Chi literary society for literary and social development. The membership is limited, hence coveted. Meetings are held on alternate Thursday afternoons. This society is proving of great pleasure and profit to its members.

### **Debating Council**

For the purpose of acquiring practice and skill in debating and oratory a body of the young men, limited to twenty-five, organized the Debating Council. Inter-collegiate debaters and oratorical contestants are chosen from this society.



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## **Christian Associations**

Branches of the College Departments of the Young Men's Christian Association and the Young Women's Christian Association are doing active and effective work. Each association holds a weekly prayer meeting. Representatives from the societies are sent to the Bible and General Conferences for Colleges. The good effect of these Christian organizations is very marked in the daily life of the student body. Every encouragement and assistance is given these organizations by the faculty.

## **The Choral Union**

The Choral Union is composed of those of the student body who are musically inclined. The union is under the direction of Professor Hopkins and is designed to give drill in general chorus work and, by means of talks and lectures, to give the members a knowledge of the historical and cultural value of music.

## **German Club**

In February, 1910, the German Club was organized under the direction of Professor Hill, and meets fortnightly. The club chooses its own officers and has as one of its regulations, "no language but German for one hour." Besides the social feature the benefits of the club are seen in a better pronunciation and understanding of the German language.



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## COLLEGE PUBLICATIONS

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The University of Redlands publishes a quarterly bulletin one of which is the annual catalogue. The other three are devoted to special studies and reports of officers and other matters of importance.

### Student Publications

The Spectrum, a monthly magazine published by the Associated Student Body through an elected staff, is an exponent of the student life and activities of the University.

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### Colors

The official colors of the University of Redlands are Maroon and Silver Gray.

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## PHYSICAL EDUCATION

Recognizing the value of physical culture and general athletic work, much attention has been given to a suitably equipped gymnasium and athletic field.

The gymnasium is furnished with modern apparatus of the newest and most approved design. It is open to both men and women who have separate lockers and baths and use the building at different periods during the day.

The course consists of calisthenics, light gymnastics, Swedish and German gymnastics, gymnastic games, heavy gymnastics, athletic games and track and field athletics. In calisthenics special attention is

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paid to simple, rhythmic movements for the cultivation of grace in form and bearing. Exercises executed with light portable pieces of apparatus, such as wands, dumb-bells and Indian clubs, give opportunity for suitable work in light gymnastics. Such forms of exercise together with gymnastic games, such as basketball, hand ball, volley ball and center ball give opportunity for all those who are not fit for the more violent work. Heavy gymnastics are especially valuable in the cultivation of physical carriage, self-possession, quick sense of perception and a rapid and responsive exercise of judgment. Many of these exercises, somewhat modified, may be practiced by the women. The usual forms employed are vaulting horse, vaulting buck, high parallels, horizontal bar, long horse, parallel bars, vaulting bar, flying rings, tumbling and mat exercise. Boxing and similar forms of physical training such as fencing, wrestling, etc., can be had at any time if there are a sufficient number wishing to take the work.

Two years of Physical Education are required for graduation from the Collegiate Departments.

## Athletics

Athletics occupy the usual important place in the schedule and the organized football, basketball and baseball teams have done very creditable work this past year. Reinforced by good material we expect soon to take an equal stand among the colleges of the southland.

**College of Liberal Arts**





College of Liberal Arts

ADMISSION

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Every student, unless he brings a certificate of proficiency from an accredited school, shall before entering any class in the collegiate department, be examined upon the following subjects required for entrance:

FIXED ENTRANCE REQUIREMENTS

Leading to A. B. Course in Ancient Languages

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics or Chemistry.....	1	unit
Latin .....	4	units
Elective .....	4½	units
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Total .....	15	units

Leading to A. B. Course in Philosophy

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics or Chemistry .....	1	unit
Foreign Language .....	4	units
Elective .....	4½	units
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Total .....	15	units

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## Leading to B. S. Course

English .....	2	units
Mathematics .....	2½	units
History .....	1	unit
Physics .....	1	unit
Chemistry .....	1	unit
A Foreign Language .....	2	units
Other Sciences .....	1	unit
Elective .....	4½	units
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Total .....	15	units

In the list of subjects enumerated above the term unit is employed to signify the amount of preparatory work done in a given subject during a school year, the class meeting at least four hours of sixty minutes each per week.

## ADMISSION BY CERTIFICATE

Graduates of approved high schools or academies will be given credit for any of the subjects listed below in which they are recommended. Blanks for such recommendation will be furnished on application to the Registrar and it is expected that all applicants for admission, without examination, will use them.

In the list of admission subjects enumerated below the term unit is understood to represent five recitations per week of forty-five minutes each, or four recitations per week of sixty minutes each throughout one school year. A detailed description of the essential subjects here named will be found on the pages following.

1. English, Elementary ..... 2 units
2. English, Advanced, (Third Year).. 1 unit

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3.	English, Advanced, (Fourth Year)	1	unit
4.	Algebra, Elementary .....	1	unit
5.	Algebra, Advanced .....	1/2	unit
6.	Plane Geometry .....	1	unit
7.	Solid Geometry .....	1/2	unit
8.	Plane Trigonometry.....	1/2	unit
9.	Ancient History .....	1	unit
10.	Mediaeval and Modern History ...	1	unit
11.	English History .....	1	unit
12.	History and Gov't of U. S. ....	1	unit
13.	Economics .....	1/2-1	unit
14.	Latin, Elementary and Caesar .....	2	units
15.	Cicero and Latin Composition .....	1	unit
16.	Vergil and Latin Composition .....	1	unit
17.	Greek, Elementary and Zenophon	2	units
18.	Homer and Greek Composition .....	1	unit
19.	German, Elementary .....	2	units
20.	German, Intermediate.....	1	unit
21.	German, Advanced .....	1	unit
22.	French, Elementary .....	2	units
23.	French, Intermediate .....	1	unit
24.	French, Advanced .....	1	unit
25.	Spanish .....	2	units
26.	Physics .....	1	unit
27.	Chemistry .....	1	unit
28.	Botany .....	1	unit
29.	Zoology .....	1	unit
30.	Physiology .....	1	unit
31.	Physical Geography .....	1	unit
32.	General Science .....	1	unit
33.	Free-hand Drawing .....	1	unit
34.	Geometrical Drawing .....	1	unit
35.	Industrial Arts .....	1/2	unit
36.	Agriculture .....	1/2-1	unit
37.	Music .....	1/2-1	unit

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Half units will be accepted only when presented in addition to a whole unit in the same subject or in closely allied subjects, such as economics and history, except in industrial arts, agriculture, music, etc., as indicated above.

One year of a foreign language will not be accepted until supplemented by an additional year of the same language in the Academy of the University of Redlands.

Students who can present thirteen units in the subjects required for entrance for any degree will be classified conditionally as Freshmen. But no student will be advanced to Junior standing until all entrance subjects and all the requirements of the Freshmen and Sophomore years are completely fulfilled.

## **English**

It is expected that every student will have a knowledge of English grammar and the elements of rhetoric and be able to write correct English.

## **Requirements for Study**

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; Burke's *Speech on Conciliation with America*, or both Washington's *Farewell Address*, and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

## **Requirements for Reading**

### **Group I—(Two to be Selected)**

The Old Testament, comprising at least the chief narrative episodes in *Genesis*, *Exodus*,



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Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; Homer's *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

(For any unit of this group a unit from any other group may be substituted.)

## Group II—(Two to be Selected)

Shakespeare's *Merchant of Venice*, *Midsummer-Night's Dream*, *As You Like It*, *Twelfth Night*, *Henry V*, *Julius Caesar*.

## Group III—(Two to be Selected)

Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*, or *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Dicken's *David Copperfield*, or *Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*, George Eliot's *Silas Marner*, Stevenson's *Treasure Island*.

## Group IV—(Two to be Selected)

Bunyan's *Pilgrim's Progress*, Part I; The Sir Roger de Coverly Papers in the *Spectator*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essay on Lord Clive*, and *Essay on Warren Hastings*; Thackeray's *English Humor-*

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ists; Selections from Lincoln, including at least the two Inaugurals and Lincoln's Speeches in Independence Hall and at Gettysburg, Last Public Address, Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; Thoreau's Walden, or Huxley's Autobiography, and Selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage, and Travels with a Donkey.

## Group V—(Two to be Selected.)

Palgrave's Golden Treasury (First Series) Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard, and Goldsmith's Deserterd Village; Coleridge's Ancient Mariner, and Lowell's Vision of Sir Launfal; Scott's Lady of the Lake; Byron's Childe Harold, Canto IV, and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series) Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's Raven; Longfellow's Courtship of Miles Standish, and Whittier's Snow Bound; Macaulay's Lays of Ancient Rome, and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, and Up at a Villa—Down in the City.

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## **American History and Civil Government**

A knowledge of the leading facts in American history and a practical familiarity with the main topics in the constitutional and political organization. Channing's Student's History of the United States; American History, James and Sanford; Hart's Essentials in American History, or equivalent. For civil government, Ashley's American Government, or equivalent. One unit.

## **Mathematics**

In Elementary Algebra an equivalent of four recitations of sixty minutes each, throughout one school year is necessary for entrance to the Academy of the University. In addition to the presupposed Elementary Algebra, Mathematics A and B (see explanation of courses under Mathematics) are required for entrance to the Freshman Class. Mathematics C is required for entrance of those who are candidates for the A. B. or B. S. degree. Mathematics D, although elective, is highly recommended to those students who contemplate continuing their scholastic training. If there are students who have the required number of units in Mathematics for entrance, but have not had Intermediate Algebra, they will be required to take Mathematics "C," Academy, and will receive three hours college credit for the same. Any student may elect Mathematics "D," Academy, and receive three hours college credit for satisfactory completion of the same.



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## **Latin—Elementary**

Moulton's Introductory Latin, or the equivalent, with outside reading. One unit.

Caesar, Gallic War, Books I-IV, with review of grammatical forms and syntax and Latin composition. One unit.

Cicero, seven orations, or six orations and twelve letters. Weekly exercise in Latin composition. Daily practice in reading Latin to secure fluency and expression. Special studies on the life and times of Cicero. One unit.

Vergil, Aeneid. Books I-VI.

Exercises in metrical reading of the text, systematic study of Vergil's spirit, style and grammatical idioms. One unit.

## **Greek—Elementary**

Drill in pronunciation, inflection, syntax and composition with elementary book. Reading in Anabasis of Xenophon. One unit.

## **Xenophon—Anabasis—Books I-IV**

Translation and constant reading of the Greek. Review of forms and syntax. Recomposition of text, sight reading in Greek New Testament. One unit.

Note:—For the present the courses in Elementary Greek and Xenophon, if taken in this institution, will receive college credit as electives at the rate of three hours per semester.



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## **French—Elementary**

Special attention to reading and pronunciation. Fraser and Squair's French Grammar and such readings as *Le Voyage de M. Perrichon*, *La Mare au Diable*, *La Mere Michel et Son Chat*. Two units.

## **Intermediate**

Rapid review of grammar. Much attention paid to the ability to speak with correct accent. Rapid reading of plays and short stories of such writers as Hugo and Dumas. One unit.

## **German—Elementary**

Grammar and composition, reading of easy texts; Joynes-Meissner's German Grammar with *Altes and Neues*, *Der Process*, *Nein*. Two units.

## **Intermediate**

Composition and conversation. Reading of Schiller, Lessing and Goethe. One unit.

## **Chemistry—Elementary**

Recitation and laboratory courses in Chemistry, which is a foundation for higher courses in this department. The laboratory notebook is required for credit. One unit.

## **Physics—Elementary**

Recitation and laboratory course which is a prerequisite for the subsequent courses in Physics. The laboratory notebook is required for credit. One unit.

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## ADVANCED STANDING

If a student applying for entrance to the University can present more than the fifteen units required he may be granted advanced standing in the extra studies presented, upon the recommendation of the head of the department in which such advanced credits are sought, the head of the department reserving the right to examine the applicant before making the recommendation.

Credit without examinations for work done in other institutions will be granted only upon receipt of a satisfactory certificate mailed to the Registrar of the University by the proper official of the institution in which the work was done.

A student from another institution of equal scholastic rank may be admitted to advanced standing in the University upon presentation to the committee having charge of credits satisfactory evidence of having completed the work claimed, together with a certificate of honorable dismissal.

Students failing to satisfy any of the above requirements for admission may be received as "conditioned," but such conditions must be removed before said students are admitted to the Junior Class.

## MATRICULATION AND REGISTRATION

On or before the designated registration days in September and February, each student must obtain from the Registrar an enrollment card upon which the student, after conferring with the Registrar, shall in-

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dicating the courses selected for the semester. The Registrar will then issue to the student a statement of the regular and special fees for such courses. The student must present his enrollment card to each professor, under whom he expects to take work, for enrollment and secure the instructor's signature to the same. The card must be filed with the Registrar within one week after the designated registration day. Late filing of an enrollment card must be accompanied by a special fee of one dollar. Students are urged to register on the designated registration days. Absences from classes are counted from the day on which instruction begins, and these absences incur the penalty stated elsewhere in the catalog.

## GENERAL REQUIREMENTS AND REGULATIONS

Candidates for degrees will be required to recognize the sequence of courses in selecting their work, unless excused by the Faculty.

Persons not candidates for any degree may be admitted to the University as special students, provided they are of mature age and give to the Faculty satisfactory evidence that they are properly qualified to do work creditably and with profit.

Special students may select their studies without reference to the sequence of courses, but otherwise are subject to the general regulations governing the student body. Such students may at any time become candidates for degrees by conforming to the regular entrance requirements.



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No student who has registered for regular work can change his status to that of a special without permission of the Faculty.

No student will be permitted to drop a study later than two weeks after the beginning of the semester without the consent of the Faculty.

A student absenting himself from more than one-fifth of the recitations in any subject during a given semester shall be barred from examination and credit in said subject unless excused by the Faculty.

A student having three unexcused absences in any one subject is debarred from all college work until he has made satisfactory arrangements with the instructor under whom the absences were made. Two unexcused tardinesses are counted as one absence.

A student receiving a "condition," that is, a grade between 49 per cent and 59 per cent, in any course, may not receive credit in that course until he shall have passed another examination to the satisfaction of the instructor. Such examination must be taken before the close of the semester first following that in which the condition was received. Otherwise the student shall be required to take the course again in regular manner when next presented.

A student withdrawing from the University before the work of any semester has been completed shall thereby forfeit all credits for that semester; but at the discretion of the instructor such student, upon returning to college, may resume a subject at the point dropped and carry it to completion.



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The regular work of the student calls for fifteen hours in the class room each week. Without special permission of the Faculty no regular student shall take less than twelve hours nor more than eighteen.

Each student must take a final examination before receiving credit in any course, except that in the second semester a student ready to receive a degree or diploma shall not be required to take an examination in those courses in which his daily grade for that semester is 90 per cent or above.

A fee of two dollars (\$2.00) will be charged for each extra or special examination in any department of the University. Said fee must be paid in advance to the Treasurer and receipt for the same presented to the instructor by the applicant before he will be permitted to take the examination.

## HONORS

Honors, as follows, will be awarded at graduation for excellence in scholarship:

“Honorable Mention” will be made of those students whose work for the entire course, just completed, whether in Academy, College of Liberal Arts, or College of Fine Arts, averages “A,” and who have not fallen below the grade of “B” in any study.

Students receiving honorable mention shall have their names enrolled upon the University records as having won such honors, and the fact shall be noted upon their diplomas, announced upon Commencement Day and published in the next annual catalog.

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## PRIZES

Several prizes have been offered by friends of the University for excellence in literary work during the year 1912-13. These are to be awarded on Commencement Day.

1. For the best oration delivered by a member of the Junior or Senior Class at their annual contest, a gold medal or \$25 in cash is offered by the President of the Board of Trustees of the University, Mr. Mattison B. Jones, of Los Angeles.

2. For the best essay on the subject, "The Religious Ideal in Relation to Modern Thought," a prize of \$20 by Mr. Frederick C. Hornby of Redlands.

3. For the best piece of fiction published in the Spectrum, first prize, \$10; second prize, \$5, by Prof. J. W. Kyle.

4. For the best essay on Life, either prose or verse, published in the Spectrum, a prize of \$10 by Prof. J. W. Kyle.

5. For the best essay dealing with history, first prize, \$5; second prize, \$2.50; by Prof. A. H. Collins.

6. For the best paper on the subject, "Our Campus in Its Psychological Aspects," a prize of \$5, by Prof. H. E. Wise.

7. For the best paper in geology, botany, zoology, or forestry, a prize of \$5, by Prof. George Robertson.

## SCHOLARSHIPS

A number of scholarships have been endowed by friends of the University, the income derived from such funds being devoted to defraying the tuition fees

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of those students to whom the scholarships are awarded.

\$1500 endows a perpetual scholarship. Where the donors do not themselves award the scholarships, it is left with the authorities of the University to assign them. Conduct and scholarship are taken into consideration in the continued assignments of scholarships to matriculated students.

Particulars regarding scholarships may be obtained by addressing the President of the University.

## **ACCREDITING**

The work of the University of Redlands will be accepted by the University of California or Leland Stanford, Jr., University for admission to Sophomore, Junior, Senior or Graduate standing.

## **STUDENT HELP**

A number of our students are employed in the buildings and about the Campus to assist them in defraying a part of their expenses.

Often citizens of Redlands apply to the University for student help in exchange for room rent and board, or for other compensation. We are glad to be able to thus help our students and for that purpose keep on file a list of such applications.

Inquiries regarding this matter should be addressed to the President of the University, or to the Registrar.

## **DORMITORIES, ROOM AND BOARD**

In the Bekins Hall for women and the Reavis Hall for men accommodation is provided for a limited num-



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ber of students. A thoroughly competent matron in charge of the dormitory for women and an instructor or matron residing in that for men give assurance of adequate control. In both the halls it will be the purpose of the administration to approximate the home life as closely as possible.

Students unable to secure accommodations in the halls or desirous of securing rooms and board elsewhere, may obtain from the Registrar a list of approved locations. Students will be permitted to room only in places approved by the Faculty.

For cost of rooms and board see Expenses.

## EXPENSES

It is believed that the expenses at this institution are as low as is consistent with the high character of the work done. The following schedule will serve to indicate the principal items:

Tuition per semester, payable in advance:

College of Liberal Arts.....	\$50.00
Academy .....	37.50

Matriculation Fee:

College of Liberal Arts, and Fine Arts....	\$ 5.00
Academy .....	3.00

Laboratory Fees:

College Chemistry, for each course, per semester .....	\$ 8.00
Academy Chemistry for each course, per semester .....	\$ 5.00

A deposit of five dollars (\$5.00) is required in Chemistry to cover breakage. This deposit, less cost of breakage, is refunded at the end of the year.



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## Physics—

College Physics, for each course, per  
semester .....\$ 8.00

Academy Physics, for each course, per  
semester ..... 3.00

No breakage deposit is required in Physics,  
but an account is kept of all breakages and a  
charge is made therefor.

Students carrying not more than five hours of work  
will be charged one-third of the regular tuition fee;  
those carrying from six to ten hours inclusive, will be  
charged two-thirds of the regular fee, and those carry-  
ing more than ten hours will pay the full fee.

Students preparing for the ministry and children  
of ministers and missionaries will be granted a discount  
of 50 per cent. in tuition fees for regular work in the  
Academy and the College of Liberal Arts.

Special attention is called to the fact that the  
charge for tuition includes gymnasium, library, gradua-  
tion and all incidental fees other than the matricula-  
tion fee and those connected with the laboratory work.

No student may attend classes for more than one  
week without having made satisfactory arrangements  
with the treasurer concerning all moneys due the Uni-  
versity.

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## DORMITORY EXPENSES

The larger number of the dormitory rooms are arranged for two in a room, being furnished with two beds and in some of the rooms two closets.

The beds are single and provided with mattresses 6 ft. 2 in., by 3 ft., and pillows 23 by 30 inches.

Each student is expected to furnish bed covers, linen and towels.

Rooms and Board at the Dormitories:

Two in a room, per month.....\$27 each

Two in room with private bath, per month..\$30 each

When paid by the semester in advance, \$105 and \$115 respectively. Of this sum \$20 per month is reckoned for the board and the balance as room rental. In case a student desires to room alone in one of the double rooms, a half more will be added to the room rental.

The dormitories will be closed during the Christmas and the spring vacations unless a number of students desire to remain, in which case those students paying the semester rate will be charged an additional fee for their accommodations during these periods.

The necessary expenses, including room, board, tuition, books and laundry, will average about \$350 or \$375 for the year.

Rooms in the dormitory may be reserved at any time for 1913-14 by a deposit of five dollars with the University. This deposit will be deducted from the charges of the first month.

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## LIBRARY

The library of almost 5000 volumes and several hundred unbound pamphlets, contains especially well selected works on History, English and Modern Languages.

Many valuable books and sets have been given by generous friends of the University.

Moreover, through the courtesy of the A. K. Smiley Public Library of Redlands, with 22,000 volumes, the University Library is a depository, throughout the college year, for such books as the different departments may from time to time require.

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## REQUIREMENTS FOR GRADUATION

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No student shall be permitted to graduate from the University who has not credit for at least 120 hours and who has not taken at least one year of the regular work at the University.

The required work leading to the different degrees is as follows:

### **Bachelor of Arts in Ancient Languages**

English .....	12 hours
Mathematics .....	6 hours
History .....	10 hours
Sociology .....	3 hours
Ethics .....	3 hours
Christian Evidences.....	2 hours
Psychology .....	4 hours
Science .....	8 hours
Modern Languages.....	6 hours
Ancient Languages.....	18 hours
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Total required .....	72 hours
Electives .....	48 hours
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Total .....	120 hours



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## Bachelor of Arts in Philosophy

English .....	12 hours
Mathematics .....	6 hours
History .....	10 hours
Sociology .....	3 hours
Ethics .....	3 hours
Christian Evidences.....	2 hours
Psychology .....	4 hours
Science .....	8 hours
Foreign Languages .....	6 hours
Philosophy .....	18 hours
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Total required .....	72 hours
Electives .....	48 hours
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Total .....	120 hours

## Bachelor of Science

English .....	9 hours
Mathematics .....	12 hours
History .....	6 hours
Economics .....	3 hours
Philosophy .....	9 hours
Modern Languages.....	12 hours
Physics .....	8 hours
Chemistry .....	8 hours
Other Science.....	6 hours
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Total required.....	73 hours
Electives .....	47 hours
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Total .....	120 hours

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## GRADUATE WORK

The secondary degrees of A. M. and M. S. will be awarded for one year's residence work in addition to that required for the degrees of A. B. or B. S. A candidate for the Master's degree shall select a major department in which he must do two-thirds of his work under the direction of the professor in charge of that department. The remaining one-third of the work required shall be taken in some other department or in not more than two others. Upon the completion of the year's study the candidate must pass an examination upon the subjects taken, such examination to be written, or written and oral, conducted by the instructors in the departments in which the candidate has taken his work and a visiting professor chosen from some other department by the President.

In addition to the resident work and the examination, as above indicated, the candidate shall prepare a thesis representing the results of original investigation on some subject suggested by the professor in charge of the major department. This thesis must show independent investigation and be clothed in such language as will demonstrate the candidate's ability to properly handle such material.

## Departments of Instruction

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### PHILOSOPHY AND SOCIAL SCIENCE

*Herbert E. Wise, Professor*

#### I. Psychology

An introduction to the general field of Psychology dealing with the more fundamental processes and supplemented by collateral reading and individual enquiry.

Required of Juniors.

Four hours per week, first semester.

#### II. General Sociology

A comprehensive survey of Society, tracing the origin and development of the family and giving special attention to the various problems existing in the United States.

Biology III is urged as most desirable.

Required of Juniors.

Three hours per week, second semester.

#### III. Ethics

This course relates to the rise of ethical theory, and deals with the problem of a moral standard.

Required of Seniors.

Three hours per week, first semester.

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## **IV. Christian Evidences**

In dealing with Christianity as the fundamental postulate in a philosophy of life, the student is introduced to the basic elements of our faith. Due attention is given to Anti-Theistic theories, and their inadequacy noted.

Required of Seniors.

Two hours per week, second semester.

## **V. Logic**

The general principles of deductive and inductive logic are studied with the purpose of applying them, whenever possible, to practical problems.

Required of Juniors for A. B. (Philosophy).

Two hours per week, first semester.

## **†VI. Modern Philosophical Tendencies**

The ruling ideas in correct philosophic thought are viewed critically, while select reading from representative authors affords an opportunity to construct a definite yet comprehensive philosophy of life.

Required of Juniors and Seniors for A. B. (Phil.).

Three hours per week, second semester.

## **VII. Introduction to Philosophy**

This course seeks to explain the nature of philosophic thought, to account for the more important types of philosophic theory and to show the relation of philosophy to science.

Required of Juniors for A. B. (Phil.).

Two hours per week, first semester.



### **VIII. Philosophy of Kant**

The course traces the development of the Kantian system, emphasizes its characteristic principles, and shows Kant's influence upon modern thought.

Required of Juniors and Seniors for A. B. (Phil.).

Two hours per week, second semester.

### **IX. History of Philosophy**

A study of the chief systems of thought both Ancient and Modern. The text is supplemented by special investigations.

Required of Seniors for A. B. (Phil.).

Four hours per week, first semester.

### **†X. History of Ethics**

A concise yet comprehensive survey of Greek, Greco-Roman, Christian, Mediaeval and Modern Ethics.

Required of Juniors and Seniors for A. B. (Phil.).

Two hours per week, second semester.

### **\*XI. Psychology of the New Testament**

This course deals with the processes of the religious and moral consciousness. The terminology, and psychological experiences, of the New Testament, are studied in relation to modern theories and to present day conceptions of Christian personality.

Required of Juniors and Seniors for A. B. (Phil.).

Two hours per week, second semester.

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## **\*XII. Introduction to Economics**

While the class uses Ely's "Outlines," individual investigation is pursued and reports and discussions accompany the text.

Required of Juniors and Seniors for A. B. (Phil.).

Three hours per week, second semester.

\*Given in 1914-15 and alternate years.

†Given in 1913-14 and alternate years.

## **BIBLICAL STUDIES**

*Herbert E. Wise, Instructor*

- I. A study of the life of Christ. The course treats of the historical situation and sources of knowledge together with the religious development and characteristic teachings of Jesus.

Elective to Freshmen and Sophomores.

Two hours per week, second semester.

- \*II. An Introduction to the books of the New Testament. Due consideration will be given to the characteristic features of the individual books and their mutual relations; special emphasis, however, will be given to the life and labors of the apostle Paul.

Elective to Freshmen and Sophomores.

Two hours per week, second semester.

- \*III. A study of the Social and Ethical Teachings of Jesus and their application to modern life.

Elective to Juniors and Seniors.

Two hours per week, second semester.

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- IV. A study of select portions of the Old Testament, embracing its historical development, prophetic messages, and poetical literature.

Elective to Juniors and Seniors.

Two hours per week, second semester.

\*Not given in 1913-1914.

## HISTORY

*A. Harvey Collins, Professor*

### I. General Mediaeval

A survey of the leading events in European History from about 350 to 1500 A. D., with special reference to the development of the great institutions both of Church and State. Text, lectures, collateral readings, preparation of maps and papers.

Required of Sophomores.

Three hours per week, first semester.

### II. Modern Europe

Continuation of History I. Schwill's Political History of Modern Europe is used as a text book, and, as in the preceeding course, the text is supplemented by collateral reading, special reports and maps. Open to students who have had History I or equivalent.

Required of Sophomores.

Three hours per week, second semester.

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## **III. American Colonial History**

A Study of early American history from 1492 to 1783. The discovery, exploration, founding and development of the English Colonies. The American Revolution. Text, lectures, papers, maps. The work is based on Fisher's Colonial Era, Thwaites Colonies and other texts.

Open to all students.

Required for graduation from A. B. courses.

Two hours per week, first semester.

## **IV. American Expansion**

Expansion of the American people, along territorial, social and industrial lines. Based upon Sparkes' The Expansion of the American People, with much collateral reading and preparation of papers and maps.

Open to all students, who have had History III or equivalent.

Two hours per week, second semester.

## **V. History of the United States**

Political, social and institutional development of the United States 1783-1914. Lectures, reports, investigations and comparisons.

Texts—Fiske's Critical Period, Hart's Formation of the Union, Wilson's Division and Reunion, Burgess' Middle Period, and others.

Open to all students who have had History III or equivalent. Primarily for advanced students.

Three hours per week, first semester.



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## **VI. History of the United States**

Continuation of History V.

Three hours per week, second semester.

## **VII. English History**

This course is planned so as to cover the principal features of English History to 1603. Special attention will be paid to the constitutional phases and to England's colonial policy and expansion. Text, A History of Great Britain—Tout.

Open to all students, especially planned for Freshmen.

Three hours per week, first semester.

## **VIII. English History**

Continuation of History VII to the present time.

This course is planned to cover the principal features of English History. Special attention is paid to the constitutional phases and to England's colonial policy and expansion. Text, A History of Great Britain—Tout.

Three hours per week, second semester.

## **IX. History of the Pacific Slope**

A special lecture course from syllabus, together with investigations and reports.

Prerequisite, History III and IV. Elective.

One hour per week, first semester.

## **X. History of the Pacific Slope**

Continuation of History IX. Elective.

One hour per week, second semester.

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## **XI. The Reformation**

A detailed study of the Protestant Reformation. An attempt will be made to discover the causes leading to the movement and the immediate and ultimate results, as well as to trace the current of events.

Prerequisite, History I and II or VII. Elective.  
Three hours per week, first semester.

## **XII. Government**

A study of the development and fundamental principals of governments with especial emphasis on that of the United States. Based on Wilson's, The State.

Elective.

Three hours per week, second semester.

## **XIII. Ninteenth Century Europe**

Beginning with the general peace secured by the Congress of Vienna this course deals with the new political, social and international problems that characterized the nineteenth and the beginning of the twentieth centuries.

Prerequisite, History I and II. Elective.

Three hours per week, first semester.

## **XIV. International Relations**

This course is designed to familiarize the student with the leading principles of international law, special attention being given to some of the

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more important diplomatic questions that have presented themselves to our own statesmen.

Open to Juniors and Seniors. Elective.

Three hours per week, second semester.

## **XV. English History**

Social and Industrial History of England. Text supplemented by lectures, reports and collateral reading.

Prerequisite, History I and II or VII. Elective.

Three hours per week, second semester.

Note—Any elective course in history may be withdrawn if not elected by a sufficient number.

## **HISTORY OF MUSIC**

*Jose M. A. Rodrigues, Professor*

### **ILLUSTRATED LECTURE COURSE**

#### **I. History of Music**

Music and the Jews. Music and the Greeks. Effect of the music of the Infidels on Christianity. The Troubadours and Minnesingers. Conquest of Constantinople. Music at the time of the Renaissance. The Florentine "Camerata." Effect of Christianity upon the Arts. Roman Catholic versus Protestant Music. Birth of Modern Music.

Text book: Fillmore's History of Music.

Required of Sophomores for degree of Mus. Bac.

Two hours per week, first semester.

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## II. Continuation of History Music I

The Early Classical School: Sacred, Palastrina; Secular, Alessandro Scarlatti. The Middle Classical School: Haydn, Mozart. The Modern Classical School: Rossini, Donizetti, Verdi and others. Mixed Classical and Romantic School: Beethoven, Mendelssohn and others. Romantic School: Schumann, Schubert and Modern Italians. Revolutionary School: Wagner, Richard Strauss, Debussy, Puccini and others.

Text book: Same as for History of Music I.

Required of Sophomores for degree of Mus. Bac.

Two hours per week, second semester.

## ENGLISH

*G. J. Kyle, Professor*

*Alice M. Williams, Associate*

Twelve units of English are required of A. B., and nine of B. S. students, the first six of which must be courses I and II, which are prerequisite to all others except to VII and VIII. Courses VII and VIII are a general outline history of English Literature designed for those who have not studied English Literature in the High School, and should be taken by such students in the Freshman year. They are prerequisite to all the courses in Literature. Students with advanced credit in High School English (Literature) may select their required work in Literature from courses IX to XIII, A. B. students six units, B. S. students three.



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## A.—COURSES IN LANGUAGE

### I. Composition Oral and Written

Study of a text and prose models, much theme writing, practice in class speeches and debates.

Required of all Freshmen.

Prerequisite to all courses except VII and VIII.

Three hours per week, first semester.

### II. Composition Oral and Written

Continuation of I.

Required of all Freshmen.

Three hours per week, second semester.

### III. Argumentation

Study of the principles of debate, with exercises in brief drawing, writing forensics, and class debates.

Elective for Freshmen and Sophomores, and should be taken by those intending to enter Intercollegiate debates.

Two hours per week, first semester.

### IV. Advanced Composition

Study of an advanced text, and models with constant writing. Longer themes, more attention to style and closer criticism than in I and II characterize this course.

Elective.

Prerequisite I, II.

Two hours per week, second semester.

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## **V. Anglo-Saxon**

Study of the grammar of the language and reading of prose.

Elective for Sophomores and Juniors.

Three hours per week, first semester.

## **VI. Middle English**

This will give opportunity for the reading of a great deal of the literature of this period. Course V should precede this.

Elective as V.

Three hours per week, second semester.

## **B.—COURSES IN LITERATURE**

## **VII. History of English Literature**

A general outline course prerequisite to the courses that follow and designed for those who have not studied literature in the High School. Textbook and readings from the most notable authors.

Required of Freshmen not presenting credit in literature.

Two hours per week, first semester.

## **VIII. History of English Literature**

Continuation of VII with the same requirements.

Two hours per week, second semester.

The first five of the following courses present an intensive study of English Literature from the XVIth

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century to the present time by periods. They need not be taken consecutively.

Courses I, II, VII, VIII are prerequisite. Elective for Sophomores, Juniors and Seniors.

## **IX. The Elizabethan Age**

Especial attention will be given the drama, particularly Shakespearean.

Elective.

Three hours per week, first semester.

## **X. The Age of Milton**

Survey of the life and writings of Milton with special study of his poetry.

Associate Professor Williams.

Elective.

Three hours per week, second semester.

## **XI. The Augustan Age**

The age of Dryden, Pope and Johnson. Development and triumph of Classicism.

Elective.

Three hours per week, first semester.

## **XII. The Romantic Period**

Study of the rise and triumph of Romanticism, with special study of the poets of the period.

Elective.

Three hours per week, second semester.

Not given in 1913-14.

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## **XIII. The Victorian Age**

Literature from 1837 to the present. Special attention to Tennyson and Browning. On alternate years the prose of the period will receive main attention.

Elective.

Three hours per week, first semester.

## **XIV. American Literature**

A history of our literature with readings from the more important authors.

Elective.

Prerequisites I, II, VII, VIII.

Three hours per week, second semester.

## **XV. The English Novel**

Study of the development of the novel with much reading of masterpieces.

Associate Professor Williams.

Elective.

Three hours per week, first semester.

Prerequisites as XIV.

## **XVI. The Short Story**

Study of the development and technique of this form, reading of masterpieces, and practice in writing.

Elective.

Prerequisites as XIV.

Three hours per week, second semester.

## **C.—PUBLIC SPEAKING**

All Juniors will meet the instructor once a week for systematic study and practice. Each Senior will write and deliver one oration.



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## ANCIENT LANGUAGES

*James W. Kyle, Professor*

A minimum of eighteen hours in Latin or Greek or both is required for the A. B. degree in Ancient Languages. These may be selected at pleasure from the following courses:

### LATIN

#### **I. Cicero: De Senectute and De Amicitia**

Review of forms and syntax. Discussion of the life and thought of Cicero and the sources of his philosophy.

Three hours per week, first semester.

#### **II. Horace: Selections from Odes, Satires and Epistles**

Will be read metrically to secure ease and fluency in the Latin. Parallel passages from Greek and English poets. Discussion of the spirit and art of Horace.

Three hours per week, second semester.

#### **III. Livy: Selections from Books I, II, III, V, VIII**

Lectures on the history of Rome. Discussion of the style and rhetorical methods of Livy.

Three hours per week, first semester.

#### **IV. Tacitus: Annals**

Systematic study of the style of Tacitus. Comparison with Livy and Thucydides. Lectures on the life and times of Tacitus.

Three hours per week, second semester.

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## **V. Plautus: Captivi, Trinummus and Rudens; Terence: Andria**

Metrical reading. Lectures on Latin Comedy and the Greek Theatre.

Three hours per week, first semester.

## **VI. Lucretius; Catullus; Tibullus; Selections**

Metrical reading, lectures and critical essays on the Latin poets.

Three hours per week, second semester.

## GREEK

### **I. Lysias: Selected Orations**

Exercises in recomposition of the text. Analysis of style of Lysias. Lectures on the Greek orators.

Three hours per week, first semester.

### **II. Homer: Iliad, Selections**

Study of forms from text and from Sterrett's Dialect of Homer. Metrical reading of the Greek. Lectures on the Homeric Poems as literature.

Three hours per week, second semester.

### **II. Lucian: Selected Dialogues**

Exercises in recomposition. Required reading of other dialogues in translation. Lectures on the Greek rhetoricians.

Three hours per week, first semester.

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## **IV. Plato: Apology, Crito and part of the Phaedo**

Discussion of the life teachings of Socrates. Reading and reviews of the Gorgias, Symposium and Republic of Jowett's translation.

Three hours per week, second semester.

## **V. Euripides: Iphigeneia in Tauris; Aristophanes: Clouds**

Discussion of the plot and characters. Lectures on the Greek theatre. Study of the various metres and exercises in metrical reading.

Three hours per week, first semester.

## **VI. Demosthenes: Oration on the Crown**

Analysis of the style of Demosthenes. Supplemented by readings by Dionysis, and select passages from Hyperides, Isaeus, Aechines and Isocrates.

Three hours per week, second semester.

## **VII. Greek Literature in English**

Lectures on the history of Greek Literature accompanied by class work in Wright's Manual. Required reading of three Greek Authors per semester in the best translations, with critical review of each. The power to criticise independently and appreciate reasonably a work of literary art is sought in this course as well as some direct and personal acquaintances with the literature of Greece.

Elective.

Three hours per week, first semester.

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## **VIII. Greek Literature in English**

Continuation of Greek VII.

Elective.

Three hours per week, second semester.

## **IX. Modern Greek**

A Practical Method by Rangabe will be used as a guide. The Eirenikos, a Greek weekly newspaper of San Francisco, taken by each member of the class, will be read. Part of each hour will be given to conversation in Modern Greek.

Three hours per week, first semester.

Elective. May be substituted for Greek I.

## **X. Modern Greek**

Continuation of Greek IX. A magazine published in Athens will be taken by each member of the class. Short stories by present day writers will be read. Conversation on current topics continued.

Three hours per week, second semester.

Elective. May be substituted for Greek II.

Note—For the present the courses in elementary Greek and Xenophon's Anabasis, if taken in this institution, will receive college credit as electives, at the rate of three hours per semester.



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## FRENCH

*Edith A. Hill, Professor*

### **I. First Year French**

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable for the grade of work required will be read.

Four hours per week, first semester.

### **II. Continuation of French I.**

Four hours per week, second semester.

### **III. Second Year French**

Rapid Review of grammar. Considerable opportunity is given for speaking the language, as but little English is used in the class room. Plays, novels and short stories of some of the greatest writers of the nineteenth century will be studied during the year.

Three hours per week, first semester.

### **IV. Continuation of French III**

Three hours per week, second semester.

### **V. French Literature**

A lecture and reading course intended to give an appreciation of the most important and interesting masterpieces of French genius. Conducted entirely in French. Hugo, Sand, Souvestre, Feuillet, Chateaubriand and Rostand will be studied.

Three hours per week, first semester.

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## **VI. French Literature**

Continuation of French V.

Three hours per week, second semester.

## **VII. Conversation Course**

Facts of daily life discussed. Designed to train students to speak and write the language with some facility.

Two hours per week, first semester.

## **VIII. Conversation Course**

Continuation of French VII.

Two hours per week, second semester.

## **IX. Classic French**

Reading of the principal authors of the classical period, Corneille, Moliere, Racine, La Fontaine, Le Sage, Boileau and Voltaire.

Three hours per week, first semester.

## **X. Classic French**

Continuation of French IX.

Three hours per week, second semester.

## **GERMAN**

*Edith A. Hill, Professor*

## **I. First Year German**

Systematic training in simple conversation, narration and the elements of German grammar. Texts suitable for the work of the first year will be read.

Four hours per week, first semester.

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## **II. First Year German**

Continuation of German I.

Four hours per week, second semester.

## **III. Second Year German**

Composition and conversation. Reading of Lessing, Goethe and Schiller.

Three hours per week, first semester.

## **IV. Second Year German**

Continuation of German III.

Three hours per week, second semester.

## **V. Third Year German**

The German Novel. Scheffel's Ekkehard, Freytag's Soll und Haben. Sudermann's Frau Sorge, Hoffmann's Das Fraulein von Scuderie, and others. Reading and discussion.

Three hours per week, first semester.

## **VI. Third Year German**

The German Novel. Continuation of German V.

Three hours per week, second semester.

## **VII. Faust, Parts One and Two**

Careful study of poetry and unity.

Three hours per week, first semester.

## **VIII. Faust**

Continuation of German VII.

Three hours per week, second semester.

## **IX. German Literature**

History of German Literature of 12th, 14th and 18th centuries, using Wells, Francke and Robertson as references.

Three hours per week, first semester.

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## **X. German Literature**

Continuation of German IX.

Three hours per week, second semester.

## **XI. Conversation Course**

A course in conversation, composition and sight reading.

Two hours per week, first semester.

## **XII. Conversation Course**

Continuation of German XI.

Two hours per week, second semester.

## **SPANISH**

*Edith A. Hill, Professor*

### **I. First Year Spanish**

Ready familiarity with the essentials of Spanish grammar, and systematic training in pronunciation, conversation and reading.

Four hours per week, first semester.

### **II. First Year Spanish**

Continuation of Spanish I.

Four hours per week, second semester.

### **III. Second Year Spanish**

Selected texts from modern Spanish authors.

Three hours per week, first semester.

### **IV. Second Year Spanish**

Continuation of Spanish III.

Three hours per week, second semester.



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## ITALIAN

*Jose M. A. Rodrigues, Professor*

*Mary P. Montgomery, Instructor*

### **I. First Year Italian**

Systematic training in simple conversation, reading and writing. Translation from Italian into English. Required of Freshmen for degree of Mus. Bac. in Voice. Elective to Seniors for degree of Mus. Bac. in Piano, Organ or Violin.

Three hours per week, first semester.

### **II. First Year Italian**

Continuation of Italian I.

Required of Freshmen for degree of Mus. Bac. in Voice. Elective to Seniors for degree of Mus. Bac. in Piano, Organ or Violin.

Three hours per week, second semester.

### **III. Second Year Italian**

Composition and conversation. Reading of De Amicis and other comprehensive authors.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, first semester.

### **IV. Second Year Italian**

Continuation of Italian III.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, second semester.

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## **V. Third Year Italian**

Continuation of Italian IV.

Italian Short Stories by approved authors.  
Italian regular and irregular verbs. Translation  
from English into Italian.

Required of Juniors for degree of Mus. Bac. in  
Voice.

Three hours per week, first semester.

## **VI. Third Year Italian**

Continuation of Italian V.

Italian Lyrics, especially Petrarca.

Required of Juniors for degree of Mus. Bac. in  
Voice.

Three hours per week, second semester.

## **VII. Fourth Year Italian**

Italian Grammar. Drilling in Verbs. Simple  
composition. Letter forms, etc.

Elective to Seniors for degree of Mus. Bac. in  
Voice.

Three hours per week, first semester.

## **VIII. Fourth Year Italian**

Continuation of Italian VII. General Italian  
Literature. Italian Poetry.

Elective to Seniors for degree of Mus. Bac. in  
Voice.

Three hours per week, second semester.

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## MATHEMATICS

*Victor L. Duke, Professor*

### I. Solid Geometry

The fundamental propositions of Solid and Spherical Geometry with many original exercises applied especially to the mensuration of solids.

Prerequisite, one unit of Algebra and one unit Plane Geometry.

Three hours per week, first semester.

(This course is parallel to Mathematics D, Academy and for the year 1913-14 will be combined with it.)

### II. Trigonometry

Analytic Trigonometry, the proofs and applications of the fundamental relations among the functions of angles. Practical Trigonometry, the solution of the plane triangle, measurements of heights and distances, sufficient of Spherical Trigonometry to determine the plane triangle.

Prerequisite, Algebra, one and one-half units; Plane Geometry. One unit.

Three hours per week, second semester.

### III. College Algebra

Rapid review of the Theory of Quadratic Equations. Permutations and Combinations, Series, Logarithms, Determinants and elementary Theory of Equations.

Prerequisite one and one-half units of Algebra and one unit Plane Geometry.

Three hours per week, first semester.

**IV. Elements of Analytical Geometry**

A study of the point, the line and the circle, with some of the more important and elementary theorems on the conic sections.

Prerequisite, same as for Math. III plus Math. II.

Three hours per week, second semester.

**V. Differential Calculus**

Fundamental formulae and process of differentiation and an insight into the powerful factor which this subject is in modern scientific research.

Three hours per week first semester.

Prerequisite, Mathematics I-IV.

**VI. Integral Calculus**

A study of the processes of integration and their application to physical and mechanical problems.

Prerequisite, Mathematics I-V

Three hours per week, second semester.

**VII. Descriptive and General Astronomy**

A study of the heavenly bodies, their constitution, laws of motion, physical properties and the processes by which man discovered these facts.

Prerequisite, Mathematics II.

Three hours per week, first semester.

**VIII. Descriptive and General Astronomy**

Continuation of Mathematics VII.

Three hours per week, second semester.

**IX. Advanced Analytical Geometry**

A more detailed study of the properties of the conic sections; some insight into the study of



# UNIVERSITY OF REDLANDS

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higher plane curves. Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## **X. Advanced Analytical Geometry**

Continuation of Mathematics IX.

Two hours per week, second semester.

## **XI. Advanced Theory of Equations**

Equations of higher degrees, symmetric functions of roots, determinants of higher orders.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## **XII. Advanced Theory of Equations**

Continuation of Mathematics XI.

Two hours per week, second semester.

## **XIII. Differential Equations**

Principles involved in the solution of such equations and the applications of this branch of Mathematics to Mechanics.

Prerequisite, Mathematics I-VI.

Three hours per week, first semester.

## **XIV. Differential Equations**

Continuation of Mathematics XIII.

Three hours per week, second semester.

## **XV. Advanced Integral Calculus**

Special attention will be given to the definite integral and to elliptic integrals.

Prerequisite, Mathematics I-IV.

Two hours per week, first semester.

## **XVI. Advanced Integral Calculus**

Continuation of Mathematics XV.

Two hours per week, second semester.

# UNIVERSITY OF REDLANDS

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## CHEMISTRY

*S. Guy Jones, Professor*

### **I. General Chemistry**

Descriptive and theoretical chemistry with accompanying laboratory experiments. Arranged for college students who have never studied the subject.

Two recitations and two laboratory periods per week, first semester.

### **II. General Chemistry**

Continuation of Chemistry I.

Two recitations and two laboratory periods per week, second semester.

### **III. Qualitative Analysis**

An advanced course in general and theoretical chemistry, accompanied by a laboratory course in qualitative analysis. Determination of the composition of natural and commercial products.

Two recitations and two laboratory periods per week, first semester.

### **IV. Qualitative Analysis**

Continuation of Chemistry III.

Two recitations and two laboratory periods per week, second semester.

### **V. Quantitative Analysis**

General methods of Gravimetric Analysis accompanied by a course in Chemical Arithmetic. Prerequisite, Chemistry III and IV.

Chemical Arithmetic one hour and laboratory work three periods per week, first semester.

**VI. Quantitative Analysis**

Continuation of Chemistry V. Gravimetric and Volumetric Analysis, with Chemical Arithmetic.

Chemical Arithmetic one hour and laboratory work three periods per week, second semester.

**VII. Organic Chemistry**

A study of the compounds of Carbon.

Prerequisite, Chemistry III and IV.

Two recitations and two laboratory periods per week, first semester.

**VIII. Organic Chemistry**

Continuation of Chemistry VII.

Two recitations and two laboratory periods per week, second semester.

**IX. Advanced Quantitative Analysis**

An advanced course in quantitative manipulations and determinations. The aim of the course is to obtain skill in quantitative manipulation and a knowledge of methods which will enable the student to quickly and easily become proficient in any of the several lines of quantitative analytical Chemistry.

Prerequisite, Chemistry III-VI.

Four laboratory periods per week, first semester.

**X. Advanced Quantitative Analysis**

Continuation of Chemistry IX.

Four laboratory periods per week, second semester.

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## **XI. Inorganic Preparations**

Study of the accepted methods of preparing the principal inorganic compounds.

Prerequisite, Chemistry III and IV.

Three laboratory periods per week, first semester.

## **XII. Blow-Pipe Analysis**

A laboratory course in qualitative blow pipe analysis.

Prerequisite, Chemistry III and IV.

Three laboratory periods per week, second semester.

## **PHYSICS AND ENGINEERING**

*Herbert E. Marsh, Professor*

### **I. Physics and Engineering**

Mechanical Drawing.

(a) Use and care of drawing instruments, free-hand and mechanical lettering, exercises in projection and simple drawing.

(b) Continuation of (a). Drawing accurately to scale plans, elevations, and sections from students own measurements and freehand sketches of simple machine parts; plan and elevation of some building measured by students.

Prerequisite, Mathematics A. and B.

Two periods per week, first semester.



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## **II. Surveying**

The use, care and adjustment of the Surveyor's instruments. Field work; chain and tape surveying, transit surveys, leveling, curves, etc.

Prerequisite, Mathematics II and III.

Three hours per week, second semester.

## **III. Mechanics, Molecular Physics and Heat**

Although the grasping of principles and not skill in manipulation is strongly emphasized, still the fixing power of laboratory application is recognized. The purpose is to give the student an insight into the real significance of physical things, by putting him in touch with the methods and instruments of modern physical investigation and by carrying him through the process of reasoning by which the present science of physics has been developed.

Required of candidates for B. S. Degree in Sophomore year. Elective for A. B., Sophomores, Juniors and Seniors.

Prerequisite, one year of entrance Physics and Mathematics II and IV.

Recitation and lectures two hours and two laboratory periods per week, first semester.

## **IV. Sound, Light Electricity and Magnetism**

Continuation of Physics III. Presented in a similar manner and with the same aim.

Required of candidates for B. S. Degree in the

# UNIVERSITY OF REDLANDS

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Sophomore year. Elective for A. B., Sophomores, Juniors and Seniors.

Recitation and lectures two hours and two laboratory periods per week, second semester.

## **V. Electrical Measurements**

Various methods for exact determination of voltage, resistance, and current; also study and calibration of various types of galvanometers, voltmeters, ammeters, condensers, etc.

Elective for Juniors and Seniors.

One recitation and three laboratory periods per week, first semester.

## **VI. Dynamo Machinery**

Discussion of magnetic circuit of dynamos and motors with methods of connecting for operation in series and parallel; characteristic curves and methods for testing dynamos and motors.

Elective for Seniors.

Prerequisite, Physics III-V, and Mathematics II-IV.

Three hours per week, second semester.

## **VII. Applied Mechanics**

A study of mechanics of materials including elastic and ultimate strengths, and elastic ultimate deformations, cases of simple stress, theory of beams, columns, and shafts; also a study of the principles of reinforced concrete and their application in various structures.

Elective for Juniors and Seniors.

Prerequisite, Physics I.

Three recitations and one laboratory period per week, first semester.

### **VIII. Graphic Statics**

A study of methods of representing forces graphically and the application of the same in the determination of stress in structures.

Elective for Juniors and Seniors.

Prerequisite, Physics I and Mathematics I-III.

Recitation two hours and two drawing periods per week, second semester.

## **BIOLOGY**

*George Robertson, Professor*

### **I. General Botany**

The study will cover a general course in plant life, including lectures, recitations, laboratory and field work. The local flora is very rich in native and cultivated plants, suitable for study every month of the year. The work will be pursued along three lines (a) Morphological, (b) Physiological, and (c) Special Botany, a study of local flora, conditions and the preparation of an herbarium and a knowledge of their economic values.

Elective.

Three hours and one laboratory period per week, first semester.

### **II. General Botany**

Continuation of Biology I.

Elective.

Three hours and one laboratory period per week, second semester.

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## III. General Zoology

A study of invertebrate animal life, the structure, development, classification and distribution.  
Elective.

Three hours and one laboratory period per week, first semester.

## IV. General Zoology

Continuation of Biology III.

A study of vertebrate animal life; the morphology, development, physiology, classification, distribution and economic value. Human physiology specially considered.

Elective.

Three hours and one laboratory period per week, second semester.

## FORESTRY

*George Robertson, Instructor*

### I. Forestry.

The study will cover our local national forests, trees, chaparral, herbs conservation of forest cover and of water. The course will deal with rock and soil structure, national forests in general, their purpose, use, protection and management.

Biology I and II are desirable prerequisites.

Elective.

Three hours per week, second semester.



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## GEOLOGY

*George Robertson, Professor*

### I. General Geology

Lectures, recitations, laboratory and field work.

The study will include the salient and economic features of the science, giving a systematic and comprehensive knowledge of the most important teachings of Geology. The course will cover (a) Dynamical, (b) Structural and (c) Historical Geology. Attention will be given to the Petrology and Crystallography of the common rocks and minerals.

Prerequisite, Biology I-IV.

Elective.

Three hours and one laboratory period per week, first semester.

### II. General Geology

Continuation of Geology I.

Elective.

Three hours and one laboratory period per week, second semester.

# UNIVERSITY OF REDLANDS

## Schedule of Courses

### FIRST SEMESTER

#### 8:00 O'CLOCK

Philosophy V .....	M	T			
Philosophy VII .....				Th	F
History IX .....			W		
English A .....			W	Th	F
English I .....	M		W		F
English VII .....		T		Th	
Greek I .....	M	T	W		
Greek III .....				Th	F
French III .....	M	T	W		
Mathematics III .....	M	T	W		
Mathematics V .....				Th	F
Chemistry A .....	M	T			
Chemistry I .....			W	Th	
Physics A .....	M	T	W	Th	F
Biology III .....				Th	F

#### 9:00 O'CLOCK

Philosophy I .....		T	W	Th	F
English IX .....	M	T	W		
Greek A .....	M	T		Th	F
Greek III .....			W		
German I .....		T	W	Th	F
Spanish III .....	M				
Mathematics V .....	M				
Chemistry A .....	M	T	W	Th	F
Physics A .....	M	T			
Physics III .....			W	Th	
Physics V .....					F
Biology III .....	M	T			F

#### 10:00-10:20 ASSEMBLY

#### 10:20 O'CLOCK

History III .....	M		W		
English C .....		T	W	Th	F
English XIII .....		T		Th	F
Latin I .....	M	T		Th	
Latin III .....			W		F
German V .....	M		W	Th	
Spanish III .....		T			F
Mathematics A .....		T	W	Th	F
Chemistry III .....	M	T		Th	F
Chemistry V .....			W	Th	F
Physics III .....	M	T			
Physics V .....			W	Th	F
Biology A .....	M				

# UNIVERSITY OF REDLANDS

## 11:20 O'CLOCK

Philosophy III .....			W	Th	F
History V .....			W	Th	F
History XIII .....	M	T			
English III .....				Th	F
English XV .....	M	T	W		
Latin A .....		T	W	Th	F
Latin III .....	M				
Greek IX .....			W	Th	F
Mathematics I .....	M	T	W	Th	
Chemistry III .....				Th	F
Chemistry V .....		T	W	Th	F
Physics III .....	M	T			
Physics V .....			W	Th	F
Biology A .....	M	T	W	Th	

## 1:30 O'CLOCK

History I .....	M	T	W		
History VII .....			W	Th	F
History XIII .....				Th	
English A .....	M				
English V .....		T	W	Th	
Latin C .....	M		W	Th	F
Greek VII .....	M		W	Th	
Spanish I .....	M			Th	F
Mathematics C .....		T	W	Th	F
Chemistry I .....	M	T			
Chemistry VII .....	M	T			
Physics I .....				Th	F
Physics VII .....				Th	
Biology I .....					F
Geology I .....	M	T	W	Th	

## 2:30 O'CLOCK

Philosophy IX .....	M	T		Th	F
History A .....	M	T	W	Th	
English XI .....		T	W	Th	
Greek C .....	M		W	Th	F
German III .....	M			Th	F
French I .....	M	T		Th	F
Mathematics VII .....		T	W	Th	
Chemistry I .....	M	T			
Chemistry VII .....	M	T		Th	F
Physics I .....				Th	F
Physics VII .....	M	T	W	Th	
Biology I .....	M	T		Th	F
Geology I .....			W		

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## SECOND SEMESTER

### 8:00 O'CLOCK

Philosophy VI .....	M	T	W	Th	F
Bible IV .....			W		
History X .....			W	Th	F
English B .....	M		W		F
English II .....		T		Th	
English VIII .....	M	T	W		
Greek II .....				Th	F
Greek IV .....	M	T	W		
French IV .....	M	T		Th	F
Mathematics IV .....	M		W		
Mathematics VI .....				Th	F
Chemistry B .....	M	T			
Chemistry II .....			W	Th	
Physics B .....	M	T	W	Th	F
Biology IV .....				Th	F

### 9:00 O'CLOCK

Philosophy II .....		T	W	Th	
English XVI .....	M	T	W		
Greek B .....	M	T		Th	F
Greek IV .....			W		
German II .....		T	W	Th	F
Spanish IV .....	M				
Mathematics VI .....	M				
Chemistry B .....	M	T	W	Th	F
Physics B .....	M	T			
Physics IV .....			W	Th	
Biology IV .....	M	T			F

### 10:00-10:20 ASSEMBLY

### 10:20 O'CLOCK

History IV .....	M		W		
English D .....		T	W	Th	F
English XIV .....		T		Th	F
Latin II .....	M	T		Th	
Latin IV .....			W		F
German VI .....	M		W	Th	
Spanish IV .....		T			F
Mathematics B .....		T	W	Th	F
Chemistry IV .....	M	T		Th	F
Chemistry VI .....			W	Th	F
Physics IV .....	M	T			
Physics VIII .....			W	Th	F
Biology B .....	M				
Forestry I .....		T		Th	F



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## 11:20 O'CLOCK

Philosophy IV .....				Th	F
Bible I .....		T	W		
History VI .....			W	Th	F
History XIV .....	M	T			
English IV .....				Th	F
English X .....	M	T	W		
Latin B .....		T	W	Th	F
Latin IV .....	M				
Greek X .....			W	Th	F
Mathematics II .....	M	T	W		
Chemistry IV .....				Th	F
Chemistry VI .....		T	W	Th	F
Physics IV .....	M	T			
Physics VIII .....				Th	F
Biology B .....	M	T	W	Th	

## 1:30 O'CLOCK

History II .....	M	T	W		
History VIII .....			W	Th	F
History XIV .....				Th	
English B .....	M				
English VI .....		T	W	Th	
Latin D .....	M		W	Th	F
Greek VIII .....	M		W	Th	
Spanish II .....	M	T		Th	F
Chemistry II .....	M	T			
Chemistry VIII .....	M	T			
Physics II .....				Th	F
Physics VI .....	M	T	W		
Biology II .....					F
Geology II .....	M	T	W	Th	

## 2:30 O'CLOCK

Philosophy X .....	M				F
History B .....	M	T	W	Th	
Greek D .....	M		W	Th	F
German IV .....	M			Th	F
French II .....	M	T		Th	F
Mathematics VIII .....		T	W	Th	
Chemistry II .....	M	T			
Chemistry VIII .....	M	T			
Physics II .....			W	Th	F
Physics VIII .....		T			
Biology II .....	M	T		Th	F
Geology II .....			W		



**College of Fine Arts**





## College of Fine Arts

### DEPARTMENT OF MUSIC

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#### GENERAL INFORMATION

In accordance with the plan followed in connection with the other departments of the University, provisions have been made for the most thoro and advanced work in the Department of Music.

The line of work in the University course in Music, conferring the degree of Bachelor of Music, corresponds with that of some of the European universities.

The elementary work in Piano and other departments will be under competent instructors who will be under the supervision of the Dean of the College of Fine Arts.

Realizing the degree to which superior musical proficiency is attainable only in conjunction with the highest cultural development, stress will be laid upon this phase of the student's growth, and special attention will be given to courses in the other departments of the University which will prove of value to students in the Department of Music.

Classes in this department will be organized at the beginning of the college year as indicated in the calendar.

Individual work may be begun at any time by students showing marked musical ability.

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Diplomas will be awarded to students showing sufficient musical ability who have completed the required courses. The pupil's work is to be subject to the approval of the Dean.

The Choral Society and Orchestra, under the leadership of the head of the Department of Piano, give opportunity for expression and development of the musical ability of the students of the University.

Careful analysis is made of the general musical taste and ability of the student before enrollment for the University work, and the course of study is planned to suit the individual needs of the student in securing well balanced musicianship and critical judgment along musical lines.

During the Junior and Senior years the candidate for a degree must appear in public at least once a semester, the time and place of such public performances to be advised by the Dean.

## EXPENSES

The following schedule of tuition is for the work of a semester. The work in Voice, Piano, Organ and Violin, which are individual, may, by special arrangement, be begun at any time:

Voice, special, two periods per week (16 weeks)	\$98.00
Voice, special, one period per week.....	49.00
Voice, preparatory, two periods per week.....	64.00
Voice, preparatory, one period per week.....	32.00
Piano, special, two periods per week.....	64.00
Piano, special one period per week.....	32.00
Piano, preparatory, two periods per week.....	42.00
Piano, preparatory, one period per week.....	22.00

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Organ, two periods per week.....	64.00
Organ, one period per week.....	32.00
Violin, special, one period per week.....	49.00
Violin, preparatory, two periods per week.....	42.00
Violin, preparatory, one period per week.....	22.00
Practice piano fee, per semester.....	5.00

The other subjects in the College of Fine Arts are class subjects and the tuition fees are the same as those for subjects in the College of Liberal Arts. (See Tuition.)

## College Credit

Credit will be given in the College of Liberal Arts for the work in History of Music, and Choral society.

## REQUIRED FOR GRADUATION

No student shall be permitted to graduate from the Department of Music, College of Fine Arts, who has not credit for at least 80 units and who has not taken at least one year of regular work at the University.

The required work leading to the different degrees is as follows:

### Bachelor of Music in Voice

Voice .....	16 hours
Piano (prep.) .....	8 hours
History of Music .....	4 hours
Theory .....	4 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages .....	24 hours
General History .....	6 hours
Philosophy .....	7 hours
Biblical Studies .....	2 hours
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Total Required	75 hours
Electives .....	5 hours
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Total 80 hours



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Bachelor of Music in Piano

Piano .....	16 hours
History of Music .....	4 hours
Theory .....	8 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages .....	24 hours
General History .....	6 hours
Philosophy .....	7 hours
Biblical Studies .....	2 hours
<hr/>	
Total Required	71 hours
Electives .....	9 hours
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Total	80 hours

Bachelor of Music in Violin

Violin .....	16 hours
Piano (Prep.) .....	8 hours
History of Music .....	4 hours
Theory .....	8 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages .....	24 hours
General History .....	6 hours
Philosophy .....	7 hours
Biblical Studies .....	2 hours
<hr/>	
Total Required	79 hours
Electives .....	1 hour
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Total	80 hours



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## Bachelor of Music in Organ

Organ .....	8 hours
Piano .....	8 hours
History of Music .....	4 hours
Theory .....	8 hours
Choral .....	1 hour
English .....	3 hours
Modern Languages .....	24 hours
General History .....	6 hours
Philosophy .....	7 hours
Biblical Studies .....	2 hours

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Total Required 71 hours

Electives ..... 9 hours

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Total 80 hours

## VOICE

*Jose M. A. Rodrigues, Professor*

### I. First Year Voice

Systematic training in voice production. Ear and mental training in regard to tone-quality. Elementary sight singing.

Concone's Fifty Lessons for Medium Part of Voice.

Required of Freshmen for degree of Mus. Bac. in Voice.

Two hours per week, first semester.

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## II. Continuation of Voice I

Physical training in regard to tone-quality.

Bel Canto. Anthology of Italian Song, embracing the pre-classical song writers, Peri, Caccini, Carissimi and Monteverdi.

Required of Freshmen for degree of Mus. Bac. in Voice.

Two hours per week, second semester.

## III. Second Year Voice

Continuation of Voice II. Voice from psychological view point, Interpretation. Continuation of Anthology of Italian Song, volumes I and II. Early classics of Italian School: Scarlatti, Handel, Caldara, Gluck, etc.

Required of Sophomores for degree of Mus. Bac. in Voice.

Two hours per week, first semester.

## IV. Continuation of Voice III

Concone's Forty and Twenty-five Lessons for Medium Part of Voice. English and American Sacred Song Literature for Protestant Churches. English and American Simple Secular Song Literature.

Required of Sophomores for degree of Mus. Bac. in Voice.

Two hours per week, second semester.

## V. Third Year Voice

Continuation of Voice IV. Concone's Fifteen Lessons. Later Italian Classics: Mozart, Haydn, Rossini, Donizetti, Bellini, Verdi, etc.

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Required of Juniors for degree of Mus. Bac. in Voice.

Two hours per week, first semester.

## VI. Continuation of Voice V

Trills, cadenze and general training in agility.

English and American general song literature of medium difficulty. Easy ensemble singing.

Required of Juniors for degree of Mus. Bac. in Voice.

Two hours per week, second semester.

## VII. Fourth Year Voice

Continuation of Voice VI. Ensemble singing. General old and new opera.

German and French song literature, including Schumann, Schubert, Brahms, Franz, Grieg, etc. Gounod, Massenet, Saint Saens, etc.

Required of Seniors for degree of Mus. Bac. in Voice.

Two hours per week, first semester.

## VII. Continuation of Voice VII

Dramatic singing or singing with action.

General International Repertorie (compositions sung in the original languages).

General training for teachers of voice.

Required of Seniors for degree of Mus. Bac. in Voice.

Two hours per week, second semester.

# UNIVERSITY OF REDLANDS

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## VIOLIN

*Ignaz Haroldi, Professor*

*Frank B. Gunther, Instructor of Preparatory*

### **I. First Year Violin**

Joachim method, first part of Book I.

Violine Technique; Sevcik, Book I.

Training of ear; bowing and left hand.

### **II. Continuation of Violin I.**

Joachim method, second part of Book I.

Violine Technique; Sevcik.

Etudes: Kayser, Mazas, Hermann, etc.

Easy solos from the different composers.

### **III. Second Year Violin**

Joachim method, third part of Book I.

Violine Technique; Sevcik Book II.

Scales and other studies; Haroldi.

Etudes: Mazas, Leonard, Dont, etc.

Solos according to ability of student.

### **IV. Continuation of Violin III.**

Joachim method, fourth part of Book I.

Violine Technique; Sevcik.

Studies: Haroldi.

School Concerti and other selections; Ries,  
Viotti, Rode, etc.



**V. Third Year Violin**

Joachim method, Book II.

Violine Technique; Sevcik.

Etudes: Hermann, Dont, Mazas, etc.

Concerti, Sonate and other solos from modern and old composers.

**VI. Continuation of Violin V**

Joachim method.

Violine Technique; Sevcik.

Etudes: Kreutzer with different bowings from Haroldi, Rovelli, Maurer, etc.

Concerti; Sonate and other solos from Beethoven, David, Massenet, Couperin, Brahms, Bach, etc.

**VII. Third Year Violin**

Joachim method.

Violine Technique; Sevcik.

Etudes: Rode, Leonard, Campanolli, etc.

Concerti: Spohr, Vitalli, Lipinski, etc.

Sonate: Veraccini, Tartini, Corelli, Bach.

**VIII. Continuation of Violin VII**

Joachim method.

Violin Master Technique; Sevcik.

Etudes: Leonard, Petri, Dont, Vieuxtemps, Paganini.

Concerti for finish and interpretation: Saint-Saens, Mendelsohn, Wieniawski, Beethoven, Paganini, etc.

# UNIVERSITY OF REDLANDS

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## PIANO

*Edward Cadoret Hopkins, Professor*

### I. First Year Piano

Technical training according to the principles of modern piano technique. Systematic training in art-principles of technique, phrasing and tone-quality.

Elementary study of the characteristics of the various classic composers. Repertoire of selections from standard works by the best composers. Text books:—

A System of Fundamental Technics, Mason-Mathews.

Graded Studies, Book IV, T. Tapper.

Graded Pieces, Book IV, T. Tapper.

Sonata Album, Vol. 329, Schirmer Library.

Berens, Czerny, Cramer, Heller, Kullak, Bach (inventions) as needed.

Required of Freshmen for degree of Mus. Bac. in Piano and Organ.

Two hours per week, first semester.

### II. Continuation of Piano I

Continuation of classical study (at least two Sonatas).

Repertoire of selections from the works of the best composers, classic and romantic.

Text books: Technique; Mason-Mathews. Graded Studies—Book IV—T. Tapper. Graded Pieces—Book IV—T. Tapper. Sonata Album—Vol. 329—Schirmer Library. Additional Studies as needed.

# UNIVERSITY OF REDLANDS

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Required of Freshmen for degree of Mus. Bac.  
in Piano and Organ.

Two hours per week, second semester.

## III. Continuation of Piano II

Technical training.—Study of the characteristics of the various classic composers. Repertoire.

Text books: Technique; Mason-Mathews. Graded Studies—Book V—T. Tapper. Graded Pieces—Book V—T. Tapper. Sonata Album—Vol. 340—Schirmer Library. Additional studies as needed.

Required of Sophomores for degree of Mus. Bac. in Piano and Organ.

Two hours per week, first semester.

## IV. Continuation of Piano III

Technical training.—Continuation of classical study (at least two Sonatas). Repertoire.

Text books: Same as for previous semester.

Required of Sophomores for degree of Mus. Bac. in Piano and Organ.

Two hours per week, second semester.

## V. Continuation of Piano IV

Technical training.—Special training in Bravura style.

Bach, Three-Part Inventions. Beethoven.—Sonatas critically considered.

Text books: Technique; Mason-Mathews. Graded Studies—Book V—T. Tapper. Graded Pieces—Book V—T. Tapper.

# UNIVERSITY OF REDLANDS

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Exercise for the independence of the fingers. I. Phillipp Studies of Clementi, Cramer, Czerny (Op. 740) and others as needed.

Required of Juniors for degree of Mus. Bac. in Piano.

Two hours per week, first semester.

## VI. Continuation of Piano V

Technical training.—Bravura, Bach (continued.) Beethoven (continued.)

The Romantic School critically considered.

Text-books: Technique; Mason-Mathews. Technical Material; I. Phillipp. Graded Studies—Book VI—T. Tapper. Graded Pieces—Book VI T. Tapper.

Studies of Clementi, Henselt, Czerny, Chopin and others as needed.

Required of Juniors for degree of Mus. Bac. in Piano.

Two hours per week, second semester.

## VII. Continuation of Piano VI

Technical training.—Bravura. (Grabill's Physical Principles of Piano playing.) Art Interpretation of the Masters. Pedagogics (for prospective teachers.)

Text-books: Technique; Mason-Mathews. Technical Material; I. Phillipp. Graded Studies—Books VI, VII—T. Tapper. Graded Pieces—Books VI, VII—T. Tapper.

Studies selected from the works of the greatest masters of pianistic literature.

Required of Seniors for degree of Mus. Bac. in Piano.

Two hours per week, first semester.



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## VIII. Continuation of Piano VII.

Technical training.—Bravura (Grabill.) Interpretations (Christiani, Art-principles.) Pedagogics (for prospective teachers.)

Text-books: Same as previous semester, with such additional studies as may be found necessary.

Required of Seniors for degree of Mus. Bac. in Piano.

Two hours per week, second semester.

## PREPARATORY PIANO

*Mrs. E. May Rodrigues, Instructor*

*Miss Flora C. Cook, Instructor*

A. Technical instruction according to the principles of modern piano technique (oral.)

Systematic training in phrasing and touch. Gymnastics for development of hands and arms. Selected pieces. Memory work.

Text-books: Graded Studies—Book I—T. Tapper.

Graded Pieces—Book I—T. Tapper.

Required of students preparing for regular University course in Piano or Organ.

Two hours per week, first semester.

Required of Freshmen for degree of Mus. Bac. in Voice or Violin.

One hour per week, first semester.

# UNIVERSITY OF REDLANDS

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## **B. Continuation of Piano A**

Gymnastics. Touch and Technique. Phrasing. Arpeggio and scale forms. Octavo and chord touches. Minor scales.

Text-books: Graded Studies—Book I—T. Tapper.

Graded Pieces—Book I—T. Tapper. Studies—Op. 139—Czerny. Sonatina Album—Vol. 693—Schirmer Library.

Required of students preparing for regular University course in Piano or Organ.

Two hours per week, second semester.

Required of Freshmen for degree of Mus. Bac. in Voice or Violin.

One hour per week, second semester.

## **C. Continuation of Piano B**

Technical exercises transposed.—Rhythmical treatment of scale and arpeggio. Velocity in passage work. Interpretation and phrasing. Memory work.

Text-books: Graded Studies—Book II—T. Tapper.

Graded Pieces—Book II—T. Tapper. Velocity; Brauer.

Studies in Expression—Op. 47, Heller. Sonatina Album—Vol. 693—Schirmer Library.

Required of students preparing for regular University course in Piano or Organ.

Two hours per week, first semester.

Required of Sophomores for degree of Mus. Bac. in Voice or Violin.

One hour per week, first semester.

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## D. Continuation of Piano C

Technical exercises transposed, (continued.)  
Scale and passage work, (continued.) Arm and  
finger touches analysed. Selected pieces.

Text-books: Graded Studies—Book III—T.  
Tapper.

Graded Pieces—Book III—T. Tapper. Velocity;  
Brauer and Czerny. Sonatina Album—Vol. 693—  
Schirmer Library. Little Preludes; Bach.

Required of students preparing for regular  
University course in Piano or Organ.

Two hours per week, second semester.

Required of Sophomores for degree of Mus.  
Bac. in Voice or Violin.

One hour per week, second semester.

## HISTORY OF MUSIC

*Jose M. A. Rodrigues, Professor*

### ILLUSTRATED LECTURE COURSE

## I. History of Music I

Music and the Jews. Music and the Greeks.  
Effect of the music of the Infidels on Christianity.  
The Troubadours and Minnesingers. Conquest of  
Constantinople. Music at the time of the Renis-  
sance. The Florentine "Camerata." Effect of  
Christianity upon the Arts, Roman Catholic versus  
Protestant Music. Birth of Modern Music.

Text-book: Fillmore's History of Music.

Required of Sophomores for degree of Mus.  
Bac.

Two hours per week, first semester.

# UNIVERSITY OF REDLANDS

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## II. Continuation of History of Music I

The Early Classical School: Sacred, Palastina; Secular, Alessandro Scarlatti. The Middle Classical School: Haydn, Mozart. The Modern Classical School: Rossini, Donizetti. Verdi and others. Mixed Classical and Romantic School: Beethoven, Mendelssohn and others. Romantic School: Schumann, Schubert and Modern Italians. Revolutionary School: Wagner, Richard Strauss, Debussy, Puccini and others.

Text-book: Same as for History of Music I.

Required of Sophomores for degree of Mus. Bac.

Two hours per week, second semester.

## THEORY

*Edward Cadoret Hopkins, Instructor*

### I. Theory of Music

General Musical Instruction (rudiments). Melody writing. Rhythm. Form and analysis of simple compositions. Music copying and transposition.

Required of Freshmen for degree of Mus. Bac.

One hour per week, first semester.

### II. Harmony

The major scale. Intervals. The minor scale. The common chord. Progression and rules of Harmony. Cadences. The first inversion. Exercises in writing chants and hymn-tunes.



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Text-book: J. H. Anger. A Treatise on Harmony, Book I.

Required of Freshmen for degree of Mus. Bac.  
One hour per week, second semester.

## III. Continuation of Harmony II

The second inversion. The dominant seventh and its inversions. Natural modulation. Exercises in composition of hymn-tunes and simple piano music.

Text-book: Anger. Book I.

Required of Sophomores for degree of Mus. Bac.  
One hour per week, first semester.

## IV. Continuation of Harmony III

Secondary sevenths. Chords of the ninth and inversions. Suspensions. Exercises in writing hymn-tunes, chants, dances and simple piano music.

Text-book: Anger. Book II.

Required of Sophomores for degree of Mus. Bac.

One hour per week, second semester.

## V. Continuation of Harmony IV

Compound suspensions (continued). Passing and auxiliary notes. Extraneous modulation. Analysis of works of great composers. Exercises in writing hymn-tunes, chants and dances. Also arrangements for voice and instruments.

Text-book: Anger. Book II.

Required of Juniors for degree of Mus. Bac. in Piano, Organ and Violin.

One hour per week, first semester.

# UNIVERSITY OF REDLANDS

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## VI. Continuation of Harmony V

Composition. The homophonic forms. Counterpoint, first and second species. Vocal compositions. Exercises in writing anthems, short movements and songs.

Text-books: Anger, Book II; Pauer, Counterpoint; Mendelssohn (Marx), the Art of Musical Composition; Goetchins—The Materials of Musical Composition.

Required of Juniors for degree of Mus. Bac. in Piano, Organ and Violin.

## Theory Course, reference works.

Harmony—Its Theory and Practice, Counterpoint—Strict and Free, Double Counterpoint and Canon, Musical Form, Applied forms, The Orchestra—E. Prout; The Orchestra—H. Berlioz.

## PHILOSOPHY

*Herbert E. Wise, Professor*

### I. Psychology

An introduction to the general field of psychology, dealing with the more fundamental processes, and supplemented by collateral reading and individual inquiry.

Required of Seniors for degree of Mus. Bac.

Four hours per week, first semester.

### III Ethics

This course relates to the rise of Ethical Theory, and deals with the problem of a moral standard.

Three hours per week, second semester.

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## BIBLICAL STUDIES

*Herbert E. Wise, Professor*

IV. A study of select portions of the Old Testament, embracing its historical development, representative characters, Prophetic messages and poetical literature.

Required of Freshmen for degree of Mus. Bac.  
Two hours per week, second semester.

## HISTORY

*A. Harvey Collins, Professor*

### I. General Mediaeval

A survey of the leading events in European History, from about 350 to 1500 A. D., with special reference to the development of the great institutions both of Church and State, following the work as outlined by Trenholme's Syllabus for the History of Western Europe.

Text, lectures, collateral readings, preparation of maps and papers.

Required of Sophomores for degree of Mus. Bac.

Three hours per week, first semester.

### II. Modern Europe

Continuation of History I. Schwill's Political History of Modern Europe is used as a text book, and as in the preceding course, the text is supplemented by collateral reading and special reports and maps.

Required of Sophomores for degree of Mus. Bac.

Three hours per week, second semester.

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## ENGLISH

*Geo. J. Kyle, Professor*

### **I. Composition, Oral and Written**

Study of a text, prose models, the fundamentals of oral address, with practice in class speeches and debates.

Required of Freshmen for degree of Mus. Bac.  
Three hours per week, first semester.

## FRENCH

*Edith A. Hill, Professor*

### **I. First Year French**

Special attention to pronunciation, writing and reading. Daily practice in the phonetic markings of all new words as they occur. Fraser and Squair's French Grammar is used. Texts suitable to the grade of work required, will be read.

Elective to Seniors for degree of Mus. Bac. in Voice, Piano, Organ, Violin.

Four hours per week, first semester.

### **II. Continuation of French I**

Elective to Seniors for degree of Mus. Bac. in Voice, Piano, Organ, Violin.

Four hours per week, second semester.



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## GERMAN

*Edith A. Hill, Professor*

### **I. First Year German**

Systematic training in simple conversation, narration and the elements of German grammar.

Texts suitable for the first year will be read.

Required of Freshmen for degree of Mus. Bac. in Piano, Violin and Organ.

Elective to Seniors for degree of Mus. Bac. in Voice.

Four hours per week, first semester.

### **II. First Year German**

Continuation of German I.

Required of Freshmen for degree of Mus. Bac. in Piano, Violin and Organ.

Elective to Seniors for degree of Mus. Bac. in Voice.

Four hours per weeks, second semester.

### **III. Second Year German**

Composition and conversation. Reading of Lessing. Goethe and Schiller.

Required of Sophomores for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

### **IV. Second Year German**

Continuation of German III.

Required of Sophomores for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

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## **V. Third Year German**

The German Novel; Scheffel's Ekkehard; Freytag's Soll und Haben; Sudermann's Frau Sorge; Hoffmann's Das Fraulein von Scuderie, and others. Reading and discussion.

Required of Juniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

## **VI. Third Year German**

Continuation of German V.

Required of Juniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, second semester.

## **VII. Faust, Parts One and Two**

Careful study of the poetry and unity.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

## **VIII. Faust**

Continuation of German VII.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, second semester.

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## ITALIAN

*Jose M. A. Rodrigues, Professor*

*Mary P. Montgomery, Instructor*

### **I. First Year Italian**

Systematic training in simple conversation, reading and writing. Translation from Italian into English.

Required of Freshmen for degree of Mus. Bac. in Voice.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, first semester.

### **II. First Year Italian**

Continuation of Italian I.

Required of Freshmen for degree of Mus. Bac. in Voice.

Elective to Seniors for degree of Mus. Bac. in Piano, Violin and Organ.

Three hours per week, second semester.

### **III. Second Year Italian**

Composition and conversation. Reading of De Amicis and other comprehensive authors.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, first semester.

### **IV. Second Year Italian**

Continuation of Italian III.

Required of Sophomores for degree of Mus. Bac. in Voice.

Three hours per week, second semester.

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## **V. Third Year Italian**

Continuation of Italian IV.

Italian Short Stories by approved authors.  
Italian regular and irregular verbs. Translation  
from English into Italian.

Required of Juniors for degree of Mus. Bac. in  
Voice.

Three hours per week, first semester.

## **VI. Third Year Italian**

Continuation of Italian V.

Italian Lyrics, especially Petrarcha.

Required of Juniors for degree of Mus. Bac. in  
Voice.

Three hours per week, second semester.

## **VII. Fourth Year Italian**

Italian grammar, drilling in verbs, simple com-  
position, letter forms, etc.

Elective to Seniors for degree of Mus. Bac. in  
Voice.

Three hours per week, first semester.

## **VIII. Fourth Year Italian**

Continuation of Italian VII. General Italian.  
Literature. Italian Poetry.

Elective to Seniors for degree of Mus. Bac. in  
Voice.

Three hours per week, second semester.



# UNIVERSITY OF REDLANDS

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## ART

### *Instructor*

Students will be admitted at any time; but not for less than one semester, except by special arrangement.

Students may enter any class upon presenting work showing necessary skill.

Instruction in all classes is individual.

Advancement of each student depends upon the degree of proficiency only.

All fees are payable in advance, as follows:

Two lessons a week, per semester.....	\$40.00
One lesson a week, per semester.....	20.00

## COURSE OF STUDY

### First Year

Charcoal drawing from casts. Charcoal and pencil drawing from still life. Out-door sketching in charcoal and pencil.

### Second Year

Drawing from the antique. Water color from still life.

Out-door sketching in pencil, charcoal and pastel.

### Third Year

Drawing from life in charcoal. Out-door sketching in water color. Composition.

### Fourth Year

Drawing from life in charcoal. Painting from still life in oil and water color. Out-door sketching in oil and water color.

History of Art.



Academy





## Academy

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### GENERAL INFORMATION

The University authorities have determined, for a few years at least, to maintain an academy department, covering approximately the last two years of the regular high school or academy courses. The work in these classes will be given in so far as possible, by the regular professors in the University.

Students contemplating entering the academy should request the superintendent of the school last attended to forward to the Registrar of the University a certificate showing the work for which credit will be asked. The entrance requirements for this department presuppose that the student has completed the work for the first two years in some accredited high school.

Students expecting to take the entrance examinations should present themselves to the Registrar on the dates set for such examinations (see Calendar.)

The system of grading, the regulations as to work and examinations, and all general rules and regulations of the University apply also to the Academy. Upon request, parents of the students in the Academy will be kept informed as to the character of the work being done.

Graduates from the Academy will be granted a diploma showing completion of this work and will be admitted to the University without examination.

To that student graduating from the Academy with the highest average grade of work done in residence of at least one year will be granted a prize in the form of a free tuition in the College of Liberal Arts for one

# UNIVERSITY OF REDLANDS

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semester, providing such work is taken during the year immediately following that in which said student completed the Academy.

## DORMITORIES AND ROOMS

The two halls, the one for men, the other for women, supply accommodations for a limited number of students. Those who cannot be thus provided for, or for any reason prefer to room and board elsewhere may secure a list of approved places upon application to the Registrar. (For rates see Expenses).

The following outline of courses is offered in the Academy and corresponds approximately to those of the third and fourth years of our best high schools.

### FIRST YEAR

#### First Semester

English, A.—Composition.—College entrance requirements.

Latin, A.—Cicero.—Orations and letters.

Greek, A.—Elementary.

French, A.—Elementary.

German, A.—Elementary.

Mathematics, A.—Plane Geometry.

Chemistry, A.—Elements of Chemistry.

Zoology, A.—Elementary.

#### Second Semester

English, B.—College entrance requirements.

Latin, B.—Cicero.—Orations and letters.

Greek, B.—Elementary.

French, B.—Elementary.

German, B.—Elementary.

Mathematics, B.—Plane Geometry.

Chemistry, B.—Elements of Chemistry.

Zoology, B.—Elementary.

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## SECOND YEAR

### First Semester

English, C.—Rhetoric and college entrance requirements.

History, A.—American History and Civics.

Latin, C.—Vergil.—Aeneid.

Greek, C.—Xenophon.—Anabasis.

French, C.—Second Year French.

German, C.—Second Year German.

Mathematics, C.—Intermediate Algebra.

Mathematics, D.—Solid Geometry.

Physics, A.—Elementary.

### Second Semester

English, D.—Argumentation.—College entrance requirements.

History, B.—American History and Civics.

Latin, D.—Vergil.—Aeneid.

Greek, D.—Xenophon.—Anabasis.

French, D.—Second Year French.

German, D.—Second Year German.

Physics, B.—Elementary.

All Academy classes meet four hours per week, except the second year Modern Languages, which meet three hours per week, and Chemistry and Physics which meet five hours per week. For details of work see Admission and Admission by Certificate.



# UNIVERSITY OF REDLANDS

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## Register of Students

FOR THE YEAR 1912-13

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### GRADUATE STUDENTS

Montgomery, Mary Phillips, A. B., Mus.

Bac. ....Redlands, Cal.

### SENIORS

#### Bachelor of Music

Bekins, Ruth Mabel.....Los Angeles, Cal.

Eckles, Leon L.....Redlands, Cal.

Hatcher, Joybell.....Redlands, Cal.

#### Bachelor of Arts in Ancient Languages

Matthews, Vera Ethel.....Banning, Cal.

#### Bachelor of Arts in Philosophy

Field, Helen Marie.....Redlands, Cal.

Jackson, Tracy Ball.....Riverside, Cal.

#### Bachelor of Science

Gerber, Raymond Clyde.....Highland, Cal.

#### Bachelor of Philosophy

Whitmore, Lillian.....West Union, Iowa.

### JUNIORS

Beebe, Wallace Burdette.....Corona, Cal.

Blanc, Clarence E.....Julian, Cal.

Bonnell, Robert Owen.....Redlands, Cal.

Champion, Grace.....Colton, Cal.

Coolidge, Frances Emily.....Pasadena, Cal.

Cramer, Ida Ruth.....Redlands, Cal.



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Cumings, Sophie Louise.....	Redlands, Cal.
Curtis, Faye.....	Redlands, Cal.
Foote, Wilfred Rose.....	Redlands, Cal.
Gordon, Anita Margarite.....	Oxnard, Cal.
Hentschke, Walter George.....	Redlands, Cal.
Hill, Nellie Louise.....	Santa Ana, Cal.
Hooper, Marjorie.....	San Bernardino, Cal.
Humeston, Harold Bruck.....	San Bernardino, Cal.
Knight, Samuel.....	Redlands, Cal.
Meeker, Z. Earl.....	Redlands, Cal.
Newton, Clair M.....	Corona, Cal.
Smalley, Arthur Denney.....	San Diego, Cal.
Spayth, Newell D.....	Los Angeles, Cal.
Verdugo, Castenia M.....	Redlands, Cal.
Williams, Rodger J.....	Redlands, Cal.
Wood, Hazel Elizabeth.....	Glendale, Cal.

## FRESHMEN

Beamer, Josepha Helen.....	Redlands, Cal.
Brooks, S. Gordon.....	Phoenix, Ariz.
Brown, Ernest Everett.....	Redlands, Cal.
Cook, Mary Pauline.....	Pomona, Cal.
Cram, Arthur Davis.....	East Highland, Cal.
Cram, William Henry.....	East Highland, Cal.
Cyren, Hilma Elevera.....	Downey, Cal.
Hentschke, Armin Carl.....	Redlands, Cal.
Hill, Walt Goodwin.....	Prescott, Ariz.
Hook, Carol.....	Perris, Cal.
Lee, Ruth.....	Azuza, Cal.
Long Esther Melvia.....	Perris, Cal.
McIntosh, John Reuben.....	Redlands, Cal.
Morgan, Charles.....	San Bernardino, Cal.
Polliard, Lester L.....	Redlands, Cal.
Powell, Russel D.....	Highland, Cal.
Setterlund, Elmer L.....	Kingsburg, Cal.

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Sinks, Katherine V.....	San Diego, Cal.
Smith, Welcome Burr.....	San Bernardino, Cal.
Tatnall, Ashton Richardson, Jr.....	Redlands, Cal.
Thomason, Ira LeRoy.....	Hollywood, Cal.
West, Lela Lucile.....	Emporia, Kans.
Wisdon, Gaile Lessie.....	Escondido, Cal.
Wilson, Lorraine.....	Redlands, Cal.
Wood, Myrtle Louise.....	Glendale, Cal.

## SOPHOMORES

Adamson, Edith Vera.....	Long Beach, Cal.
Black, Sena E.....	Redlands, Cal.
Blowers, Hughes Milnor.....	Madera, Cal.
Bronk, Herbert Hyland.....	Long Beach, Cal.
Chamberlin, Norma Irene.....	Redlands, Cal.
Clark, Laura.....	Salem, Ore.
Dudley, Sarah Elizabeth.....	Redlands, Cal.
Echeverria, Rafael.....	Redlands, Cal.
Geistweit, William H., Jr.....	San Diego, Cal.
Kipf, Max Alfred.....	Riverside, Cal.
Krause, Vernetta Grover.....	Redlands, Cal.
Lackman, Robert.....	Redlands, Cal.
Lambert, Florella.....	Redlands, Cal.
Lane, Golden.....	Del Rosa, Cal.
Lewis, Charles B.....	Edgewater, Colo.
Linderman, Florence A.....	Scottsdale, Ariz.
Linsley, Paul J.....	Pomona, Cal.
McQuilkin, Minnie Mercedes.....	San Bernardino, Cal.
Merriam, Ralph Truman.....	Pasadena, Cal.
Newcome, Beth Ann.....	South Haven, Mich.
North, Wilber Arthur.....	Urbana, Ohio
Parmelee, Iva Emogene.....	Redlands, Cal.
Parr, Edith Edna.....	Redlands, Cal.
Reeves, Ursul Mildred.....	Redlands, Cal.
Rentfrow, Verdie.....	Redlands, Cal.

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Rickman, Charles Hulbert.....	Downey, Cal.
Torrey, Frances Ansley.....	Orange, Cal.
Walker, Owen.....	Hollywood, Cal.

## SPECIAL

Allen, Sylvia.....	Redlands, Cal.
Arthur, Cecil Esterly.....	Redlands, Cal.
Ary, Mrs. Charles L.....	Redlands, Cal.
Carpenter, Isabel.....	Redlands, Cal.
Clark, Moyah.....	Redlands, Cal.
Cowgill, Helen Claire.....	Redlands, Cal.
Curtis, Grace Elizabeth.....	Bryn Mawr, Cal.
Deming, Mrs. Nellie F.....	Redlands, Cal.
Eastman, R. Pauline.....	San Bernardino, Cal.
Ford, Charlotte Louise.....	Redlands, Cal.
Fowler, Beatrice F.....	Ontario, Cal.
Gilman, Eunice.....	Redlands, Cal.
Harmon, Florence Louise.....	Redlands, Cal.
Hartzell, Ruth Hilliard.....	Redlands, Cal.
Henrickson, Inez Vivian.....	Highland, Cal.
Herald, Roberta Carolyn.....	Redlands, Cal.
Hill, Mary Olive.....	Highland, Cal.
Holister, Edith E.....	Redlands, Cal.
Jennings, Naomi Marie.....	Redlands, Cal.
Jones, Mrs. S. G.....	Redlands, Cal.
Miner, Carl William.....	Redlands, Cal.
McIver, Paul George.....	Redlands, Cal.
Mitchell, Leora Stewart.....	Redlands, Cal.
Nye, Villa.....	Highland, Cal.
Norris, Jean.....	Redlands, Cal.
Reeves, Grace Gardner.....	Redlands, Cal.
Redden, Anne M.....	Pasadena, Cal.
Roberts, Mary C.....	San Bernardino, Cal.
Rodrigues, Mrs. E. May.....	Redlands, Cal.
Ruddick, Beulah.....	Redlands, Cal.



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Shryock, Mrs. Bertha.....	Riverside, Cal.
Stewart, Genevieve Katherine.....	Perris, Cal.
Stowe, Nettie Edwards.....	Redlands, Cal.
Symmes, Eleanor A.....	Redlands, Cal.
Spayth, Bertha Marie.....	Los Angeles, Cal.
Turrill, May Emeline.....	Redlands, Cal.
Uzes, Alphonse Joseph Frederick.....	Redlands, Cal.
Uzes, Francois Harley.....	Redlands, Cal.
Wade, Elizabeth Amey.....	Redlands, Cal.
Wishard, Marie Louise.....	Patton, Cal.

## ACADEMY

Carpenter, Daniel James.....	Redlands, Cal.
Campbell, Annie Jane.....	Vancouver, B. C.
Campbell, Clinton C.....	Vancouver, B. C.
Cocking, Arthur H.....	Vancouver, B. C.
Cooper, Frederick Leonard.....	Santa Barbara, Cal.
Cram, Fred.....	Highland, Cal.
Davis, Mary Louise.....	Redlands, Cal.
Edwards, Curtis Vergil.....	Redlands, Cal.
Ell, Edith.....	Wilkes-Barre, Pa.
Garland, William Joseph.....	Los Angeles, Cal.
Hazard, Hugh Dodson.....	Redlands, Cal.
Kyle, Robert C.....	Redlands, Cal.
Koonce, Lawrence.....	Madera, Cal.
Mahan, Miles.....	Carmarillo, Cal.
Mahan, Sterly S.....	Carmarillo, Cal.
McCanse, Esther Belinda.....	Redlands, Cal.
McIntosh, Al.....	Mentone, Cal.
Morrison, Effie Louise.....	Vancouver, B. C.
Porter, Ora.....	Redlands, Cal.
Rawson, Hoolbrook.....	Farmersville, Cal.
Silke, Victor Stanley.....	Santa Barbara, Cal.
Stevenson, Milton Stewart.....	Des Moines, Ia.
Stockton, Howard C.....	San Diego, Cal.



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✓Treat, Mila Hakes.....	Washington, Pa.
✓Ward, Ruth Clarissa.....	Upland, Cal.
—Wilson, Rollo William.....	Redlands, Cal.

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Seniors .....	8
Juniors .....	22
Sophomores .....	28
Freshmen .....	25
Specials .....	40
Academy .....	26
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Total Enrollment.....	149

26  
149

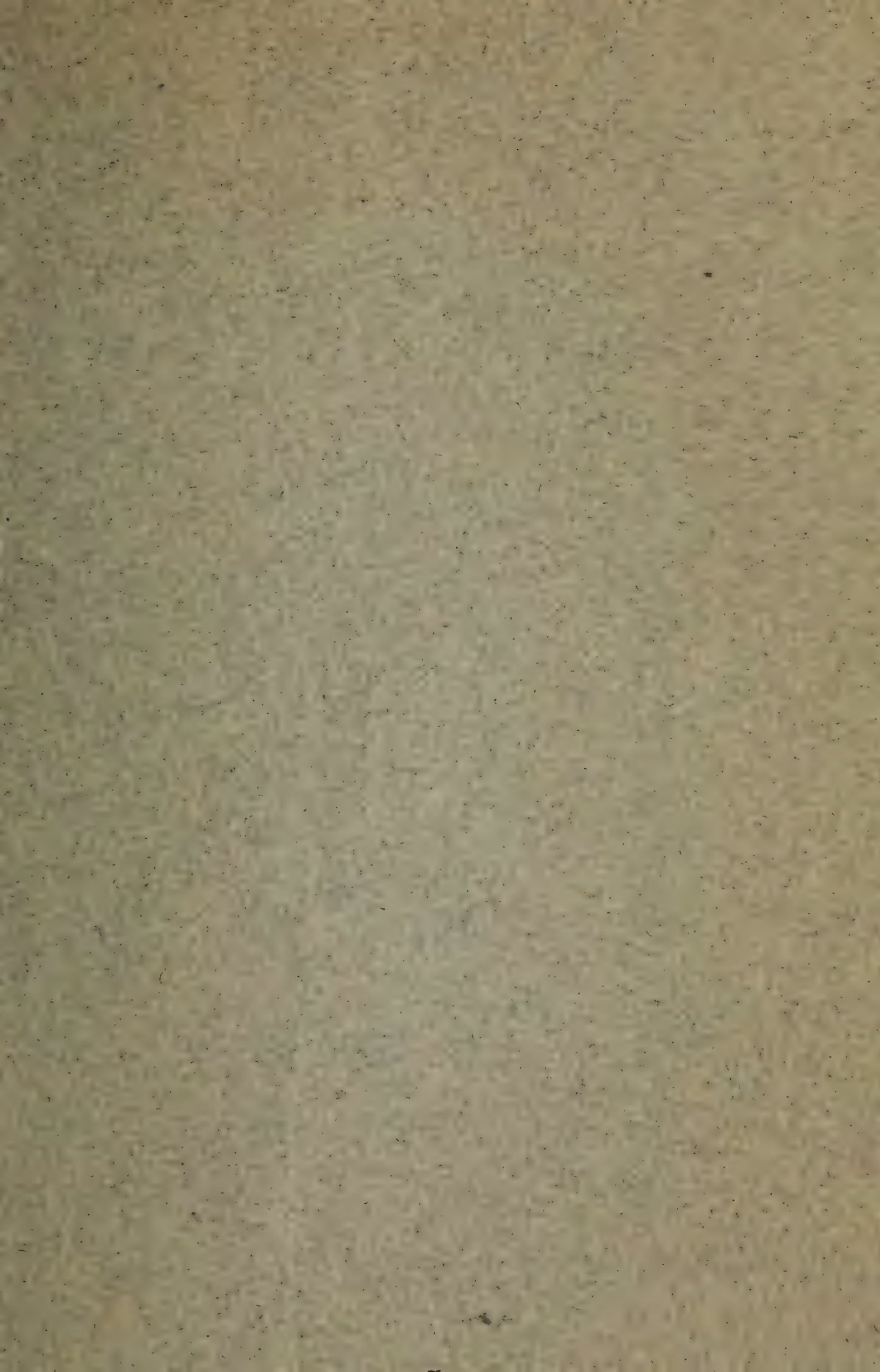
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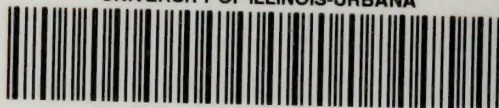








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